For Research Use Only

## NLRP6 Polyclonal antibody Catalog Number: 30973-1-AP Featured Product

Featured Product

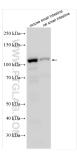


WB, TRC, TP/ICC, EUSA WB : mouse small intestine tissue, rat small intestine tissue, rat small intestine tissue, rat small intestine tissue   Species Specificity: human, mouse, rat IHC : human colon cancer,   Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen IF/ICC : A549 cells,   retrieval may be performed with citrate buffer pH 6.0 IF/ICC : A549 cells,   NOD-like receptor family pyrin domain containing 6 (NLRP6) is also named as NACHT, LRR and PYD domains-containing protein 6 and ZFML, Angiotensin II/vasopressin receptor, NALP6 and PYPAF5. NLRP6 forms a complewith ASC and caspase-1 or caspase-11 to form an inflammasome complex cleaving pro-interleukin-1 β (IL-1)   IL-18 into their biologically active forms. The function of NLRP6 has been attributed to the maintenance of epi integrity and host defense against microbial infections (PMID: 33910012). NLRP6 is reported to involved in inflammasome activation, regulation of nuclear factor- × B (NF- × B) and mitogen-activated protein kinase (M signaling, antiviral interferon (IFN) signaling, mucus secretion, and antimicrobial peptide (AMP) production.	Basic Information	Catalog Number: GenBank Access 30973-1-AP NM_138329.2		nber:	
Source: UNIPROTID: IHC 150-1500   Rabbit P59044 IF/ICC 1:50-1500   Isotype: Full Name: IgG   IgG NLR family, pyrin domain containing Immunogen Catalog Number: 6   AG34516 Calculated MW: 98 kDa Observed MW:   98-105 KDa Observed MW: 98-105 KDa   Applications: WB: Inc.(FI/ICC, EUSA WB: mouse small intestine tissue, rat small intestine tissue, rat small intestine tissue, rat small intestine tissue   Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 HC: human colon cancer,   Background Information NOD-like receptor family pyrin domain containing 6 (NLRP6) is also named as NACHT, LRR and PYD domains-containing protein 6 and 2FML Anglotensin II/vasopressin receptor, NALP6 and PYD4F5. NLRP6 forms a complex teaving pro-interdeukin 1.9 (L-1)   Background Information NOD-like receptor family pyrin domain containing 6 (NLRP6) is also named as NACHT, LRR and PYD domains-containing protein 6 and 2FML Anglotensin II/vasopressin receptor, NALP6 and PYD4F5. NLRP6 forms a complex teaving pro-interdeukin 1.9 (L-1)   Intergrity and host defence against microbial infections (PMD: 332002). NLRP6 is reported to involved in infammasome carbitration, regulation of nuclear factor-, 8) and mitogen-activated protein kinase (N R) signaling, muxus secretion, and antimicrobial peptide (AMP) production.N is a novel NLR family m					
Babbit PS904/a IF/ICC 1:50-1:500   Babbit PS904/a IF/ICC 1:50-1:500   Isotype: Full Name: Ikit Print   IgG NLR family, pyrin domain containing Immongen Catalog Number: 6   AG34516 Calculated MW: 98 kDa Observed MW:   98 kDa Observed MW: 98 hDa Observed MW:   98 hDa Observed MW: 98 hDa Immongen Catalog Number:   Applications Tested Applications: Positive Controls:   WB, HC, IF/ICC, EUSA WB: mouse small intestine tissue, rat small inte tissue   human, mouse, rat IHC: human colon cancer, IF/ICC : A549 cells.   Rote-IHC: suggested ontigen retrieval with IF/ICC : A549 cells. IF/ICC : A549 cells.   Background Information NOD-like receptor family pyrin domain containing 6 (NLRP6) is also named as NACHT, URR and PVD domains: containing protein 6 and ZFML, Angitotensin III/vasopressin receptor, NALP6 and PVPAF5. NLRP6 forms a complex vith ASC and caspase-1 to form an inflarmasome complex deaving pro-interfeuklin-1 P (IL-1)   IL-18 into their biologically active forms. The function of NLRP6 is also named as NACHT, URR and PVD domains: containing protein 6 and ZFML, Angitotensin III/vasopressin receptor, NALP6 and PYPAF5. NLRP6 forms a complex vith ASC and caspase-1 or caspase-11 to form an inflammasome complex deavin		-			
IgG NLR family, pyrin domain containing   Immunogen Catalog Number: 6   AG34516 Catculated MW:   99 kDa Observed MW:   98-105 kDa Observed MW:   98-105 kDa WB: Inc., IF/ICC, ELISA   Species Specificity: WB: mouse small intestine tissue, rat small inte   human, mouse, rat WB: mouse small intestine tissue, rat small inte   Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 0.0 IF/ICC : A549 cells,   Background Information NOD-like receptor family pyrin domain containing 6 (NLRP6) is also named as NACHT, LRR and PYD domains-containing protein 6 and ZFML, Angiotensin 11/vasopressin receptor, NALP6 and PYPAFS. NLRP6 forms a compl with ASC and caspase-1 or caspase-11 to form an inflammasome complex cleaving pro-interleukin-19 (IL-1)   L1.B i8 into their biologically active forms. The function of NLRP6 has been arithwled to the maintenance of epi integrity and host defense against microbial infections (PMID: 33910012). NLRP6 is reported to involved in inflammasome activation, regulation of nuclear factor - & B (N=2) and mitogen-activated protein kinase (MSP) in microbial peptide (AMP) production. N is a novel NLR family member, that shows high expression in the intestine and liver (in contrast to NLRP3 in microbial peptide (AMP) production. N is a novel NLR family member, that shows high expression in the intestine and liver (in contrast to NLRP3 in microbial peptide (AMP) production. N is a novel NLR family member, that shows high expre					
AG34516 Calculated MW: 99 kDa   Observed MW: 98-105 kDa   Applications Positive Controls:   WB, IHC, IF/ICC, EUSA WB: mouse small intestine tissue, rat small inte tissue   Juman, mouse, rat WB: mouse small intestine tissue, rat small inte tissue   Nobe-IHC: suggested antigen retrieval with TE buffer pH 9.0 (*) (14 Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 WB: nouse small intestine tissue, rat small inte tissue   Background Information NOD-like receptor family pyrin domain containing 6 (NLRP6) is also named as NACHT, LRR and PYD domains- containing protein 6 and ZFML, Angiotensin II/vasopressin receptor, NALP6 and PYPAF5. NLRP6 forms a compl with ASC and caspase-1 or caspase-11 to form an inflammasome complex cleaving pro-interleukin-16 (IL-1) IL-18 into their biologically active forms. The function of NLRP6 has been attributed to the maintenance of epi integrity and host defense against microbial infections (PMID: 3321002.). NLRP6 is reported to involved in inflammasome activation, regulation of nuclear factor × 8 (NF × B) and mitogen-activated protein kinase (M signaling, antivinal interferon (IFN) signaling, mucus secretion, and antimicrobial peptide (AMP) protein kinase (M signaling, antivinal interferon (IFN) signaling, mucus secretion, and antimicrobial peptide (AMP) protein kinase (M signaling, antivinal interferon (IFN) signaling, mucus secretion, and antimicrobial peptide (AMP) protein kinase (M signaling, antivinal interferon (IFN) signaling, mucus secretion, and antimicrobial peptide (AMP) protein kinase (M signaling. Antivinal interferon (IFN) signaling, mucus secretion, and antimicrobial peptide (AMP) protein kinase (M signaling. Antivina timeferon (IFN) sig		Isotype:	Full Name: NLR family, pyrin domain containing 6 Calculated MW: 99 kDa Observed MW:		
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Aliquoting is unnecessary for $-20^{\circ}$ C storage	Storage	Store at -20°C. Stable for one year Storage Buffer:			
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For technical support and original validation data for this product please contact: E: Proteintech-CN@ptglab.com T: 4006900926 W: ptgcn.com

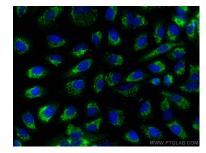
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data





Immunohistochemical analysis of paraffinembedded human colon cancer slide using 30973-1-AP (NLRP6 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using NLRP6 antibody (30973-1-AP) at dilution of 1:200 and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Various lysates were subjected to SDS PAGE followed by western blot with 30973-1-AP (NLRP6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.