

For Research Use Only

RanBP2 Polyclonal antibody

Catalog Number: 27606-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 27606-1-AP	GenBank Accession Number: NM_006267	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 5903	Recommended Dilutions: WB 1:500-1:2000 IHC 1:500-1:2000
Source: Rabbit	Full Name: RAN binding protein 2	
Isotype: IgG	Calculated MW: 358 kDa	
Immunogen Catalog Number: AG26370	Observed MW: 358 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB, IHC	WB: HeLa cells,
Species Specificity: Human, mouse, rat	IHC: rat liver tissue, mouse kidney tissue
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

RanBP2 (Ran-binding protein 2) is also named as p270 and NUP358, and belongs to the RanBP2 E3 ligase family. RanBP2 is E3 SUMO-protein ligase which facilitates SUMO1 and SUMO2 conjugation by UBE2I (PMID:11792325, PMID:22194619). RanBP2 involved in transport factor (Ran-GTP, karyopherin)-mediated protein import via the F-G repeat-containing domain which acts as a docking site for substrates (PMID:7775481). It is component of the nuclear export pathway (PMID:10078529). RanBP2 recruits BICD2 to the nuclear envelope and cytoplasmic stacks of nuclear pore complex known as annulate lamellae during G2 phase of cell cycle (PMID:20386726).

Notable Publications

Author	Pubmed ID	Journal	Application
Haocheng Wang	33816306	Front Oncol	WB,IHC
Jibin Sadasivan	36898623	J Mol Biol	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

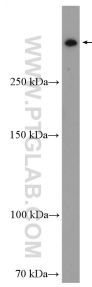
T: 4006900926

E: Proteintech-CN@ptglab.com

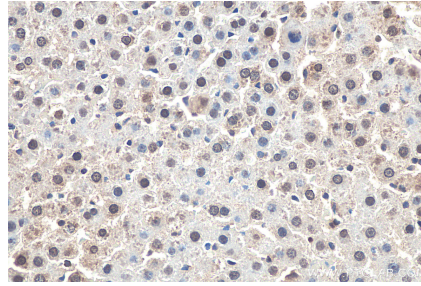
W: ptgcn.com

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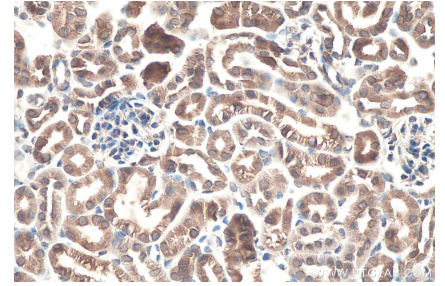
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 27606-1-AP (RanBP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 27606-1-AP (RanBP2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 27606-1-AP (RanBP2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).