

For Research Use Only

NHLRC1 Polyclonal antibody

Catalog Number: 21310-1-AP



Basic Information

Catalog Number: 21310-1-AP	GenBank Accession Number: BC103888	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 378884	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q6VVB1	
Isotype: IgG	Full Name: NHL repeat containing 1	
Immunogen Catalog Number: AG15940	Calculated MW: 395 aa, 42 kDa	
	Observed MW: 45-47 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : L02 cells, IHC : human heart tissue, human brain tissue
Species Specificity: 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

NHLRC1(NHL repeat-containing protein 1) is also named as Malin, EPM2B. It is predicted to encode a 42.3-kDa (395 amino acid) protein, malin, containing a detectable zinc-binding RING finger and six NHL-repeat domains (PMID:12958597). It can suppress the cellular toxicity of misfolded proteins by promoting their degradation through the ubiquitin-proteasome system (UPS). Defects in NHLRC1 are a cause of progressive myoclonic epilepsy type 2 (EPM2). This antibody is specific to NHLRC1.

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:

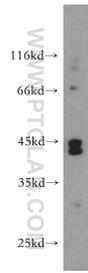
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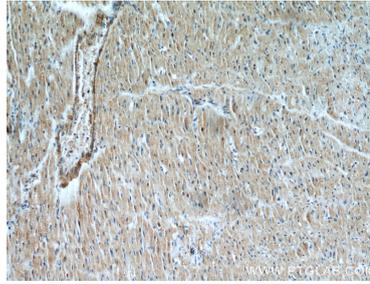
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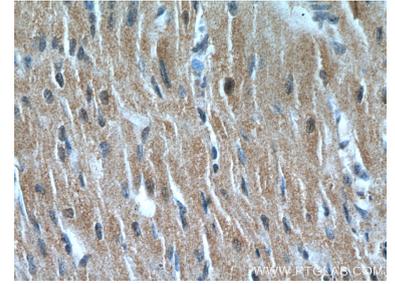
Selected Validation Data



L02 cells were subjected to SDS PAGE followed by western blot with 21310-1-AP (NHLRC1 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 21310-1-AP (NHLRC1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 21310-1-AP (NHLRC1 antibody) at dilution of 1:50 (under 40x lens).