

For Research Use Only

IL18RAP Polyclonal antibody

Catalog Number: 30587-1-AP



Basic Information

Catalog Number: 30587-1-AP	GenBank Accession Number: BC069630	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 8807	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: O95256	
Isotype: IgG	Full Name: interleukin 18 receptor accessory protein	
Immunogen Catalog Number: AG30327	Calculated MW: 599 aa, 68 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HL-60 cells, K-562 cells, RAW 264.7 cells, rat spleen tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse spleen tissue, rat spleen tissue

Background Information

Interleukin-18 receptor accessory protein (IL18RAP, also known as IL1R7 and CD218b) is a crucial component of the IL-18 receptor complex. It enhances the binding activity of IL-18 to its receptor and plays a significant role in IL-18 signaling (PMID: 24842757). IL18RAP is related to the human tumor microenvironment and promotes various immune cell infiltration (PMID: 37698530).

Storage

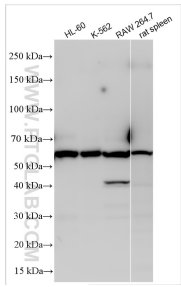
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

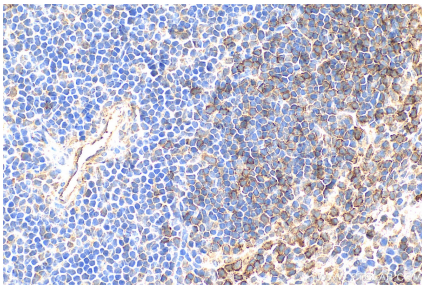
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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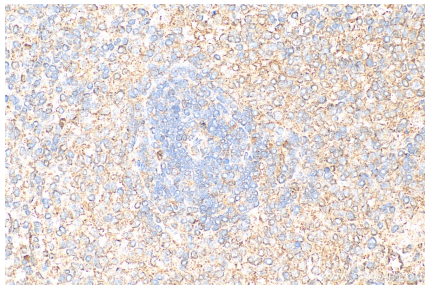
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30587-1-AP (IL18RAP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 30587-1-AP (IL18RAP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat spleen tissue slide using 30587-1-AP (IL18RAP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).