

For Research Use Only

# IL18RAP Polyclonal antibody, PBS Only

Catalog Number: 30587-1-PBS



## Basic Information

Catalog Number:

30587-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30327

GenBank Accession Number:

BC069630

GeneID (NCBI):

8807

UNIPROT ID:

O95256

Full Name:

interleukin 18 receptor accessory protein

Calculated MW:

599 aa, 68 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

## 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 -80°C.

Storage Buffer:

PBS only, pH7.3

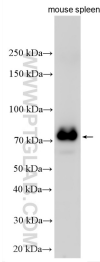
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

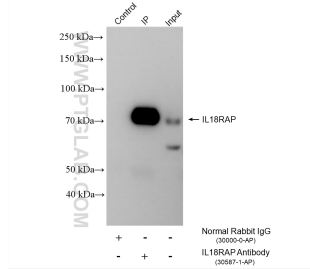
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

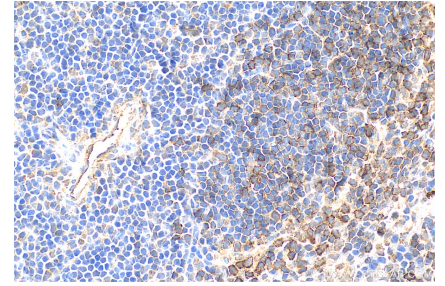
## Selected Validation Data



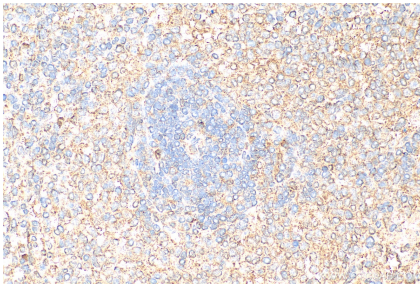
Mouse spleen tissue lysate was subjected to SDS PAGE followed by western blot with 30587-1-AP (IL18RAP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30587-1-PBS in a different storage buffer formulation.



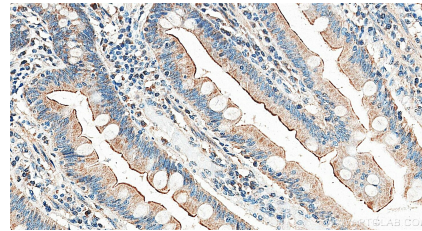
IP result of anti-IL18RAP (IP:30587-1-AP, 4 ug; Detection:30587-1-AP 1:600) with mouse spleen tissue lysate 1920 ug. This data was developed using the same antibody clone with 30587-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 30587-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 30587-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 30587-1-AP (IL18RAP antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30587-1-PBS in a different storage buffer formulation.