

For Research Use Only

# ITLN2 Polyclonal antibody, PBS Only

Catalog Number:18815-1-PBS



## Basic Information

Catalog Number:

18815-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC143341

GeneID (NCBI):

142683

UNIPROT ID:

Q8WWU7

Full Name:

intelectin 2

Calculated MW:

36 kDa

Observed MW:

36 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

mouse

## Background Information

ITLN2 also named as UNQ2789 and PRO7179, may play a role in the defense system against pathogens. Intelectins (intestinal lectins) are highly conserved across chordate evolution and have been implicated in various human diseases, including Crohn's disease (CD). The human genome encodes two intelectin genes, intelectin-1 (ITLN1) and intelectin-2 (ITLN2). It is reported that human ITLN2 is expressed in Paneth cells, where it localizes to secretory granules, and establish that ITLN2 is a highly abundant multimeric protein secreted into the lumen of the small intestine (PMID: 35182405). The calculated molecular weight of ITLN2 is 36 kDa.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

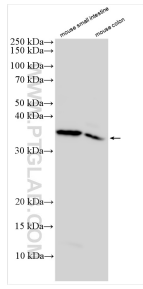
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

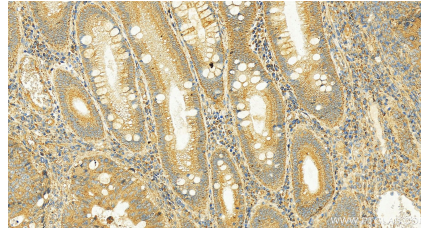
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18815-1-AP (ITLN2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 18815-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer slide using 18815-1-AP (ITLN2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18815-1-PBS in a different storage buffer formulation.