

## ITLN1/2 Polyclonal antibody

Catalog Number: 11770-1-AP

14 Publications

## Basic Information

## Catalog Number:

11770-1-AP

## Size:

150ul, Concentration: 450 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG2424

## GenBank Accession Number:

BC020664

## GeneID (NCBI):

55600

## Full Name:

intelectin 1 (galactofuranose binding)

## Calculated MW:

313 aa, 35 kDa

## Observed MW:

35-40 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for IP and 1:500-1:1000

## Applications

## Tested Applications:

IP, WB, ELISA

## Cited Applications:

FC, IF, IHC, WB

## Species Specificity:

human, mouse, rat

## Cited Species:

human, mouse

## Positive Controls:

WB: mouse colon tissue,

IP: mouse appendix tissue,

## Background Information

ITLN1, also named as Intelectin 1, has no effect on basal glucose uptake but enhances insulin-stimulated glucose uptake in adipocytes. ITLN1 is a glycoprotein made up of three 40 kDa subunits cross-linked by disulfide bonds making up a 120-kDa homo-trimer of 295 amino acids and N-linked oligosaccharides (PMID: 17621593). It may play a role in the defense system against microorganisms. Human intelectin-1 is expressed in intestinal goblet cells, and is present at about 200 ng/mL in serum. Intelectin-1 was also shown to be expressed in human endothelial cells and adipocytes of human abdominal adipose tissue. (PMID: 22768319, PMID: 28640441)

## Notable Publications

Author	Pubmed ID	Journal	Application
Yaqin Zhang	31897204	Oncol Lett	WB, IHC
Yalong Wang	31753849	J Exp Med	IHC, IF
Nongnuch Singrang	35337980	Fish Shellfish Immunol	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

\*\*\* 20ul sizes contain 0.1% BSA

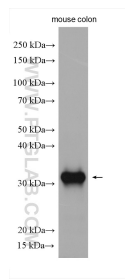
For technical support and original validation data for this product please contact:

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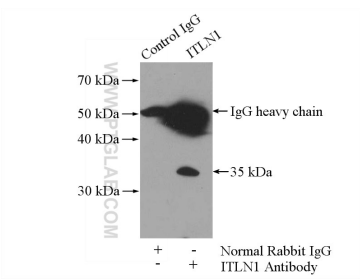
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## Selected Validation Data



mouse colon tissue were subjected to SDS PAGE followed by western blot with 11770-1-AP (ITLN1/2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP Result of anti-ITLN1/2 (IP:11770-1-AP, 4ug; Detection:11770-1-AP 1:500) with mouse appendix tissue lysate 4000ug.