

For Research Use Only

# BLOC1S1-Specific Polyclonal antibody

Catalog Number: 19687-1-AP

Featured Product

11 Publications



## Basic Information

### Catalog Number:

19687-1-AP

### Size:

400 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_001487

### GeneID (NCBI):

2647

### UNIPROT ID:

P78537

### Full Name:

biogenesis of lysosomal organelles complex-1, subunit 1

### Calculated MW:

17 kDa

### Observed MW:

14-17 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IHC, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB** : human brain tissue, mouse brain tissue, rat brain tissue

**IP** : mouse brain tissue,

**IHC** : human small intestine tissue,

## Background Information

BLOC1S1, also named as BLOS1, GCN5L1 and RT14, belongs to the BLOC1S1 family. BLOC1S1 may be involved in the biogenesis of specialized organelles of the endosomal-lysosomal system. The antibody is specific to BLOC1S1.

## Notable Publications

Author	Pubmed ID	Journal	Application
Elham Khatamzas	28923824	EMBO J	WB
Daria Sicari	31647176	FEBS J	WB,IHC,IF,IP
Tingting Lv	31760589	J Physiol Biochem	WB,IHC

## 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:

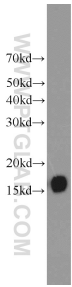
T: 4006900926

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

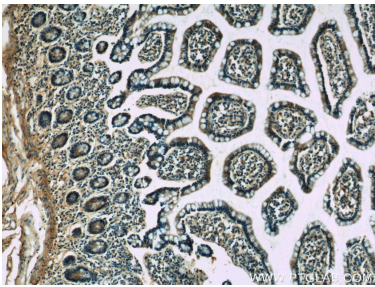
W: [ptgcn.com](http://ptgcn.com)

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

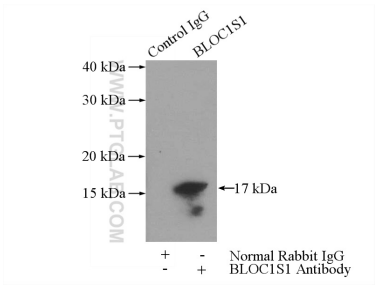
Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 19687-1-AP (BLOC1S1-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine slide using 19687-1-AP (BLOC1S1-Specific Antibody) at dilution of 1:50.



IP result of anti-BLOC1S1-Specific (IP:19687-1-AP, 3ug; Detection:19687-1-AP 1:1000) with mouse brain tissue lysate 4000ug.