

For Research Use Only

BLOC1S1-Specific Polyclonal antibody



Catalog Number: 19687-1-AP

Featured Product

8 Publications

Basic Information

Catalog Number: 19687-1-AP	GenBank Accession Number: NM_001487	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2647	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200
Source: Rabbit	Full Name: biogenesis of lysosomal organelles complex-1, subunit 1	
Isotype: IgG	Calculated MW: 17 kDa	
	Observed MW: 14-17 kDa	

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IF, IHC, IP, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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 NLOC1S1.

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

*** 20ul sizes contain 0.1% BSA

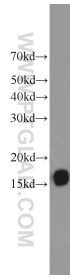
For technical support and original validation data for this product please contact:

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

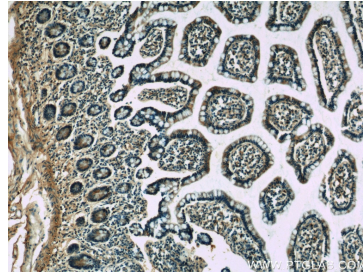
E: proteintech@ptglab.com
W: ptglab.com

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

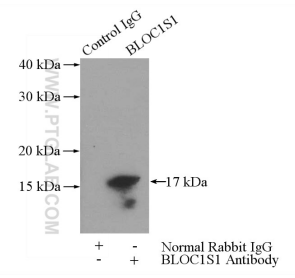
Selected Validation Data



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.