

For Research Use Only

# MUTED/BLOC1S5 Polyclonal antibody

Catalog Number: 24015-1-AP

Featured Product

2 Publications



## Basic Information

### Catalog Number:

24015-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 380 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG21226

### GenBank Accession Number:

BC119644

### GeneID (NCBI):

63915

### UNIPROT ID:

Q8TDH9

### Full Name:

muted homolog (mouse)

### Calculated MW:

187 aa, 22 kDa

### Observed MW:

22-25 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Cited Applications:

WB

### Species Specificity:

human

### Cited Species:

human, mouse

### Positive Controls:

WB : HEK-293T cells,

IF/ICC : HEK-293 cells,

## Background Information

BLOC1S5 (biogenesis of lysosomal organelles complex 1 subunit 5) encodes a subunit of the BLOC1, a complex that is involved in transport of some but not all cargo to the lysosome and lysosome-related organelles. BLOC1S5 has a crucial role in STING-mediated cell death upon stimulation with low concentrations of CMA (PMID: 29033128).

## Notable Publications

Author	Pubmed ID	Journal	Application
Ankush Borlepawar	33142804	Cells	WB
Moritz M Gaidt	29033128	Cell	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

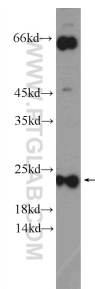
For technical support and original validation data for this product please contact:

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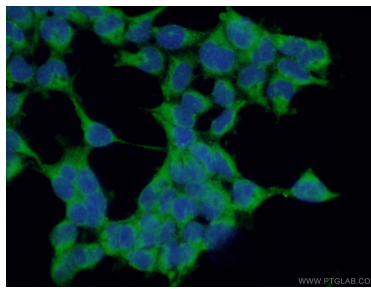
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## Selected Validation Data



HEK-293T cells were subjected to SDS PAGE followed by western blot with 24015-1-AP (MUTED Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using 24015-1-AP (MUTED antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).