

# BLOC1S2 Polyclonal antibody

Catalog Number: 12165-1-AP

## Basic Information

**Catalog Number:**

12165-1-AP

**Size:**

150ul , Concentration: 227 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2807

**GenBank Accession Number:**

BC020494

**GeneID (NCBI):**

282991

**UNIPROT ID:**

Q6QNY1

**Full Name:**

biogenesis of lysosomal organelles complex-1, subunit 2

**Calculated MW:**

142 aa, 16 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Species Specificity:**

human, mouse, rat

## Background Information

BLOS2, also named BLOC1S2, is a shared subunit of two lysosomal trafficking complexes, biogenesis of lysosome-related organelles complex-1 (BLOC-1) and BLOC-1 related complex. Loss of BLOS2 resulted in elevated Notch signaling which consequently increased the proliferation of neural progenitor cells and inhibited neuronal differentiation in cortices. BLOS2 is a novel negative player in regulating Notch signaling through lysosomal trafficking by controlling multiple stem and progenitor cell homeostasis in vertebrates. (PMID 27719760)

## 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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