

BLOC1S2 Polyclonal antibody

Catalog Number: 12165-1-AP

Basic Information

Catalog Number:

12165-1-AP

Size:

230 µg/ml

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

