

SLC18A3 Rabbit pAb

Catalog NO.: A16068 **3 Publications**

Basic Information

Observed MW
50 kDa(non-glycosylated), 70 kDa(glycosylated)

Calculated MW
57 kDa

Category
Polyclonal Antibodies

Applications
WB, IF-P, IHC-P, ELISA

Cross-Reactivity
Mouse, Rat

Conjugation
Unconjugated

Background

This gene is a member of the vesicular amine transporter family. The encoded transmembrane protein transports acetylcholine into secretory vesicles for release into the extracellular space. Acetylcholine transport utilizes a proton gradient established by a vacuolar ATPase. This gene is located within the first intron of the choline acetyltransferase gene.

Recommended Dilutions

WB 1:1000 - 1:3000

IF-P 1:50 - 1:200

IHC-P 1:50 - 1:200

ELISA
Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID	Swiss Prot
6572	Q16572

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
CMS21; VACHT; SLC18A3

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

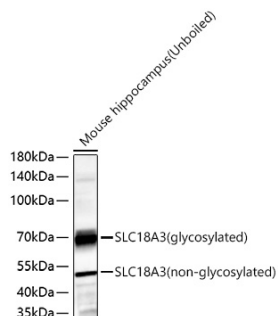
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

Validation Data



Western blot analysis of lysates from Mouse hippocampus using SLC18A3 Rabbit pAb (A16068) at 1:3000 dilution incubated at room temperature for 1.5 hours.

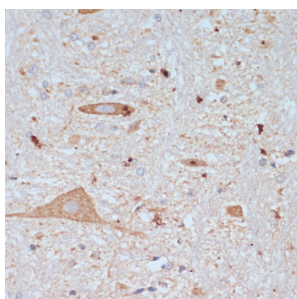
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

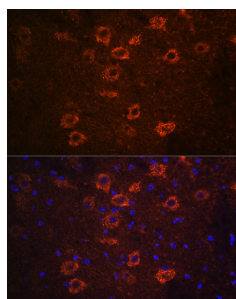
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90 s.



Immunohistochemistry analysis of paraffin-embedded Rat brain using SLC18A3 Rabbit pAb (A16068) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded mouse brain using SLC18A3 Rabbit pAb (A16068) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

