

SNAP23 Rabbit Polyclonal Antibody



CAB13909

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

23kDa

Calculated MW:

17kDa/23kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC

1:100 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

Specificity of vesicular transport is regulated, in part, by the interaction of a vesicle-associated membrane protein termed synaptobrevin/VAMP with a target compartment membrane protein termed syntaxin. These proteins, together with SNAP25 (synaptosome-associated protein of 25 kDa), form a complex which serves as a binding site for the general membrane fusion machinery. Synaptobrevin/VAMP and syntaxin are believed to be involved in vesicular transport in most, if not all cells, while SNAP25 is present almost exclusively in the brain, suggesting that a ubiquitously expressed homolog of SNAP25 exists to facilitate transport vesicle/target membrane fusion in other tissues. The protein encoded by this gene is structurally and functionally similar to SNAP25 and binds tightly to multiple syntaxins and synaptobrevins/VAMPs. It is an essential component of the high affinity receptor for the general membrane fusion machinery and is an important regulator of transport vesicle docking and fusion. Two alternative transcript variants encoding different protein isoforms have been described for this gene.

Immunogen information

Gene ID:

8773

Uniprot

O00161

Synonyms:

SNAP23; HsT17016; SNAP-23; SNAP23A; SNAP23B

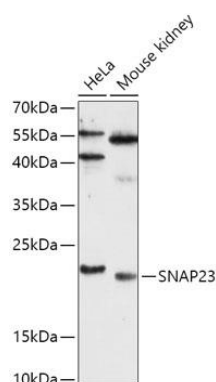
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-211 of human SNAP23 (NP_003816.2).

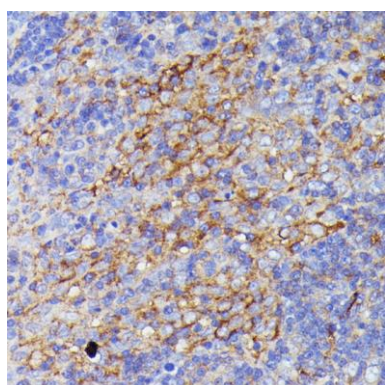
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

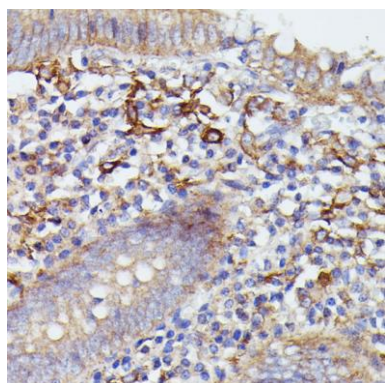
Product Images



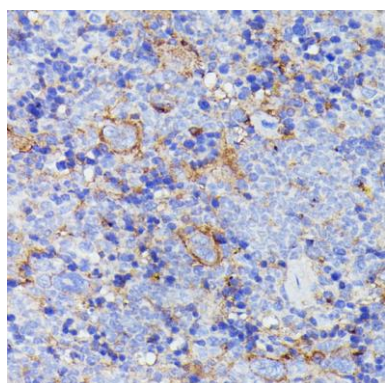
Western blot analysis of extracts of various cell lines, using SNAP23 antibody (CAB13909) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 2min.



Immunohistochemistry of paraffin-embedded rat lymph node using SNAP23 antibody (CAB13909) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human appendix using SNAP23 antibody (CAB13909) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using SNAP23 antibody (CAB13909) at dilution of 1:100 (40x lens).