

Product datasheet

Anti-SNAP25 antibody [EP3274] - BSA and Azide free ab226046

Recombinant RabMAb

[5 Images](#)

Overview

Product name	Anti-SNAP25 antibody [EP3274] - BSA and Azide free
Description	Rabbit monoclonal [EP3274] to SNAP25 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: ICC, IHC-P, WB Unsuitable for: Flow Cyt or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human SNAP25 aa 100-200 (internal sequence). The exact sequence is proprietary. (Peptide available as ab183130)
General notes	<p>Ab226046 is the carrier-free version of ab108990. This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.</p> <p>Our carrier-free formats are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>ab226046 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm. <i>Maxpar® is a trademark of Fluidigm Canada Inc.</i></p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMab® patents.</p> <p>This product is a recombinant rabbit monoclonal antibody.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long

term. Avoid freeze / thaw cycle.

Storage buffer	Constituent: PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EP3274
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab226046** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Antigen retrieval is recommended.
WB		Use at an assay dependent concentration. Detects a band of approximately 25 kDa (predicted molecular weight: 23 kDa).

Application notes Is unsuitable for Flow Cyt or IP.

Target

Function t-SNARE involved in the molecular regulation of neurotransmitter release. May play an important role in the synaptic function of specific neuronal systems. Associates with proteins involved in vesicle docking and membrane fusion. Regulates plasma membrane recycling through its interaction with CENPF.

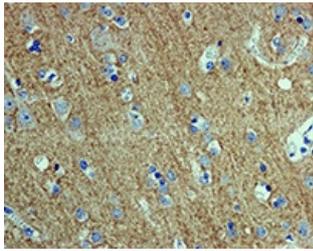
Tissue specificity Neurons of the neocortex, hippocampus, piriform cortex, anterior thalamic nuclei, pontine nuclei, and granule cells of the cerebellum.

Sequence similarities Belongs to the SNAP-25 family.
Contains 2 t-SNARE coiled-coil homology domains.

Post-translational modifications Palmitoylated. Cys-85 appears to be the main site, and palmitoylation is required for membrane association.

Cellular localization Cytoplasm > perinuclear region. Cell membrane. Cell junction > synapse > synaptosome.
Membrane association requires palmitoylation. Expressed throughout cytoplasm, concentrating at the perinuclear region.

Images

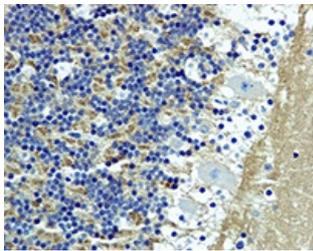


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNAP25 antibody [EP3274] - BSA and Azide free (ab226046)

[ab108990](#), at 1/100 dilution, staining SNAP25 in paraffin-embedded Human brain tissue by Immunohistochemistry.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab108990](#)).

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

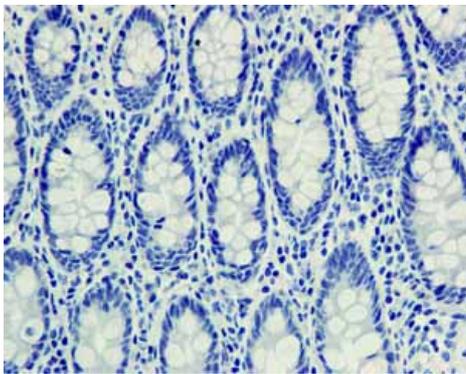


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNAP25 antibody [EP3274] - BSA and Azide free (ab226046)

[ab108990](#), at 1/100 dilution, staining SNAP25 in paraffin-embedded Human cerebellum tissue by Immunohistochemistry.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab108990](#)).

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

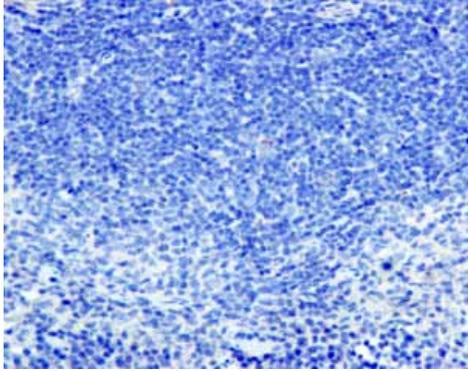


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNAP25 antibody [EP3274] - BSA and Azide free (ab226046)

[ab108990](#) showing negative staining in Normal human colon tissue.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab108990](#)).

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

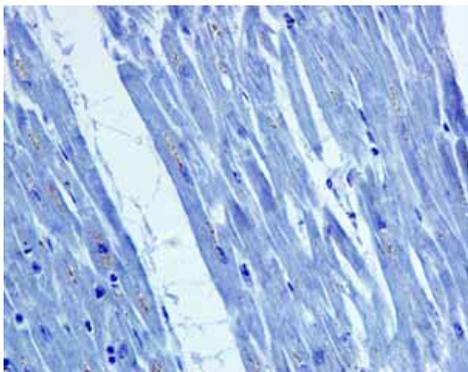


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNAP25 antibody [EP3274] - BSA and Azide free (ab226046)

[ab108990](#) showing negative staining in Normal human spleen tissue.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab108990](#)).

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNAP25 antibody [EP3274] - BSA and Azide free (ab226046)

[ab108990](#) showing negative staining in human Skeletal muscle tissue.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab108990](#)).

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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