

Product datasheet

Anti-VAMP2 antibody [6F9] - N-terminal ab181754

[2 References](#) [2 Images](#)

Overview

Product name	Anti-VAMP2 antibody [6F9] - N-terminal
Description	Mouse monoclonal [6F9] to VAMP2 - N-terminal
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Rat
Immunogen	Synthetic peptide corresponding to Rat VAMP2 (N terminal). Database link: P63045
Positive control	Rat hippocampal neurons, rat brain membranes lysate
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</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	Preservative: 0.01% Sodium azide Constituent: 99% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	6F9
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab181754 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
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 13 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

Target

Function

Involved in the targeting and/or fusion of transport vesicles to their target membrane.

Tissue specificity

Nervous system and skeletal muscle.

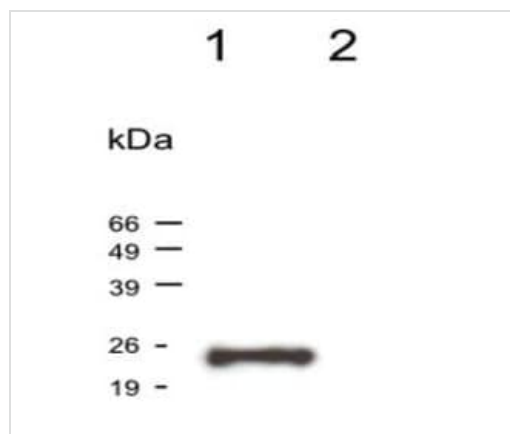
Sequence similarities

Belongs to the synaptobrevin family.
Contains 1 v-SNARE coiled-coil homology domain.

Cellular localization

Cytoplasmic vesicle > secretory vesicle > synaptic vesicle membrane. Cell junction > synapse > synaptosome. Neuronal synaptic vesicles.

Images



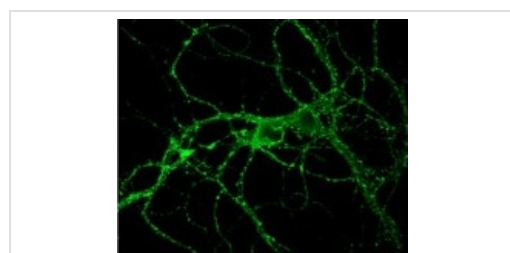
Western blot - Anti-VAMP2 antibody [6F9] - N-terminal (ab181754)

All lanes : Anti-VAMP2 antibody [6F9] - N-terminal (ab181754) at 1 µg/ml

Lane 1 : Rat brain membranes, untreated

Lane 2 : Rat brain membranes treated with botulinum neurotoxin A

Predicted band size: 13 kDa



Immunocytochemistry/ Immunofluorescence - Anti-VAMP2 antibody [6F9] - N-terminal (ab181754)

Immunocytochemical staining of rat hippocampal neurons stained with ab181754 at 10 µg/ml.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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