

Product datasheet

Anti-AP3B2 antibody ab48269

[1 References](#) [1 Image](#)

Overview

Product name	Anti-AP3B2 antibody
Description	Rabbit polyclonal to AP3B2
Host species	Rabbit
Specificity	By Western blot this antibody detects a ~119-130 kDa protein representing AP3B2 from brain samples.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide corresponding to Human AP3B2 aa 260-274. Mouse sequence is LLEENPEKAFYGSEE Sequence: LLEENAEKAFYGSEE

(Peptide available as [ab48404](#))

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control Human brain samples.

General notes

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.

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.05% Sodium azide Constituent: 0.1% BSA
Purity	Protein G purified

Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab48269 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		1/500. Detects a band of approximately 119-130 kDa (predicted molecular weight: 119 kDa).

Target

Function Subunit of non-clathrin- and clathrin-associated adaptor protein complex 3 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules. AP-3 appears to be involved in the sorting of a subset of transmembrane proteins targeted to lysosomes and lysosome-related organelles.

Tissue specificity Expression is specific to nervous system. Expressed in nerve terminal and cell body, and is associated with nerve-terminal vesicles. Expression seen in Purkinje cells, cortical neurons, neuroectodermal tumors and graded in cerebral cortex (deeper layers exhibit stronger expression).

Sequence similarities Belongs to the adaptor complexes large subunit family.

Developmental stage Expressed from early in development through adulthood.

Cellular localization Golgi apparatus. Cytoplasmic vesicle > clathrin-coated vesicle membrane. Golgi apparatus. Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex.

Images



Anti-AP3B2 antibody (ab48269) at 1/500 dilution

Predicted band size: 119 kDa

Observed band size: 125 kDa

A ~50 kDa band is also seen in Rat and Mouse brain tissue, representing the medium chain homolog (p47A) of AP3.

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

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