

Datasheet for ABIN783508  
**anti-AP3B2 antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	0.1 mg
Target:	AP3B2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AP3B2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	Raised against an 18 amino acid peptide near the amino terminus of human AP3B2
Specificity:	This antibody detects AP3 complex subunit beta-2 (N-term).
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

## Target Details

Target:	AP3B2
Alternative Name:	AP3 Complex Subunit beta-2 ( <a href="#">AP3B2 Products</a> )
Background:	The AP3 complex is a heterotetramer composed of two large adaptins (AP3D1, AP3B1 or

## Target Details

AP3B2), a medium adaptin (AP3M1 or AP3M2) and a small adaptin (APS1 or AP3S2). The complex is associated with the Golgi region as well as more peripheral structures. It facilitates the budding of vesicles from the Golgi membrane and may be directly involved in trafficking to lysosomes. Unlike the homologous AP3B1, AP3B2-containing AP3 complexes are preferentially targeted to neuronal processes, and mice deficient in AP3B2 displayed compromised synaptic zinc stores. Synonyms: AP-3 complex beta-2 subunit, AP3B2, Adapter-related protein complex 3 subunit beta-2, Adaptor protein complex AP-3 beta-2 subunit, Beta 3B Adaptin, Clathrin assembly protein complex 3 beta-2 large chain, Neuron-specific vesicle coat protein beta-NAP, beta-NAP

Gene ID: 8120

NCBI Accession: [NP\\_004635](#)

UniProt: [Q13367](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Buffer: PBS containing 0.02 % sodium azide

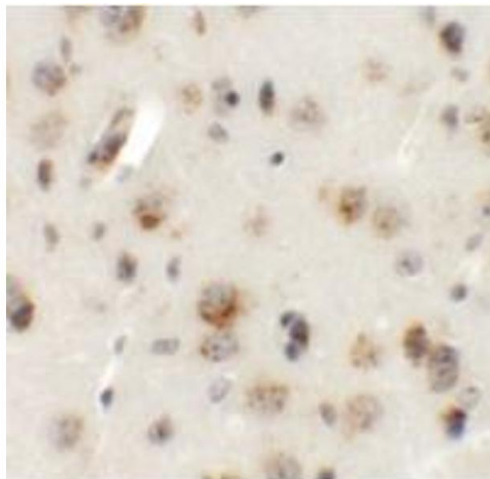
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

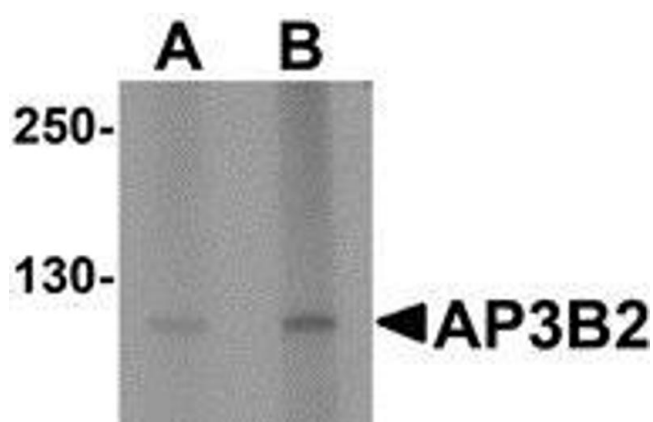
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of AP3B2 in mouse brain tissue with AP3B2 antibody at 5 µg/mL.



#### Western Blotting

**Image 2.** Western blot analysis of AP3B2 in rat brain tissue lysate with AP3B2 antibody at (A) 1 and (B) 2 µg/ml.