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Datasheet for ABIN950470

anti-NAE1 antibody (Middle Region)

2 Images

Overview

Quantity:	0.4 mL
Target:	NAE1
Binding Specificity:	AA 171-200, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAE1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 171-200 amino acids from the Central region of human APPBP1 Genename: NAE1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human APPBP1 (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	NAE1
Alternative Name:	APPBP1 (NAE1 Products)

Target Details

Background: The protein encoded by this gene binds to the beta-amyloid precursor protein. Beta-amyloid precursor protein is a cell surface protein with signal-transducing properties, and it is thought to play a role in the pathogenesis of Alzheimer's disease. In addition, the encoded protein can form a heterodimer with UBE1C and bind and activate NEDD8, a ubiquitin-like protein. This protein is required for cell cycle progression through the S/M checkpoint. Three transcript variants encoding different isoforms have been found for this gene. Synonyms: Amyloid beta precursor protein-binding protein 1, Amyloid protein-binding protein 1, HPP1, NAE1

Molecular Weight: 60246 Da

Gene ID: 8883

NCBI Accession: [NP_001018169](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

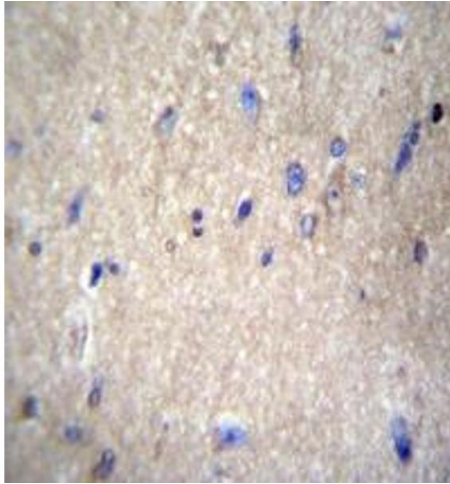
Preservative: Sodium azide

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.

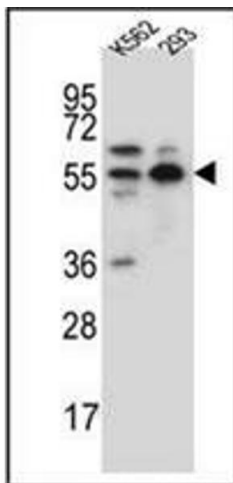
Storage: 4 °C/-20 °C

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue reacted with APPBP1 Antibody (Center) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of APPBP1 Antibody (Center) in K562,293 cell line lysates (35ug/lane).