

Datasheet for ABIN657593
anti-ABHD4 antibody (AA 98-127)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	ABHD4
Binding Specificity:	AA 98-127
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABHD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ABHD4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 98-127 amino acids from the Central region of human ABHD4.
Clone:	RB33450
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ABHD4
Alternative Name:	ABHD4 (ABHD4 Products)

Target Details

Background: Lysophospholipase selective for N-acyl phosphatidylethanolamine (NAPE). Contributes to the biosynthesis of N-acyl ethanolamines, including the endocannabinoid anandamide by hydrolyzing the sn-1 and sn-2 acyl chains from N-acyl phosphatidylethanolamine (NAPE) generating glycerophospho-N-acyl ethanolamine (GP-NAE), an intermediate for N-acyl ethanolamine biosynthesis. Hydrolyzes substrates bearing saturated, monounsaturated, polyunsaturated N-acyl chains. Shows no significant activity towards other lysophospholipids, including lysophosphatidylcholine, lysophosphatidylethanolamine and lysophosphatidylserine (By similarity).

Molecular Weight: 38794

Gene ID: 63874

NCBI Accession: [NP_071343](#)

UniProt: [Q8TB40](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

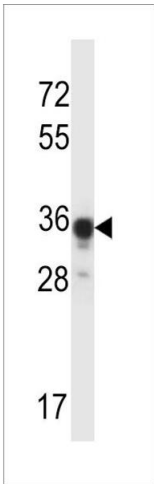
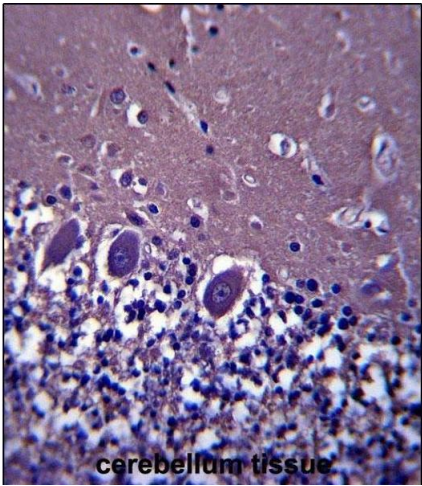
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Storage Comment: ABHD4 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. ABHD4 Antibody (Center) (ABIN657593 and ABIN2846594) immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ABHD4 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. ABHD4 Antibody (Center) (ABIN657593 and ABIN2846594) western blot analysis in mouse kidney tissue lysates (35 µg/lane). This demonstrates the ABHD4 antibody detected the ABHD4 protein (arrow).