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Datasheet for ABIN7265357

anti-ABHD5 antibody

1 Image

Overview

Quantity:	100 µL
Target:	ABHD5
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ABHD5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	ABHD5 Rabbit mAb
Immunogen:	A synthesized peptide derived from human ABHD5
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	ABHD5
Alternative Name:	ABHD5 (ABHD5 Products)
Background:	The protein encoded by this gene belongs to a large family of proteins defined by an alpha/beta

Target Details

hydrolase fold, and contains three sequence motifs that correspond to a catalytic triad found in the esterase/lipase/thioesterase subfamily. It differs from other members of this subfamily in that its putative catalytic triad contains an asparagine instead of the serine residue. Mutations in this gene have been associated with Chanarin-Dorfman syndrome, a triglyceride storage disease with impaired long-chain fatty acid oxidation. [provided by RefSeq, Jul 2008],CDS, CGI58, IECN2, NCIE2,Cancer,Cardiovascular,Endocrine & Metabolism,Endocrine and metabolic diseases,Endocrine and metabolic diseases_Obesity,Lipid Metabolism,Lipids,Lipids_Adipose Related,Lipids_Fatty Acids,Signal Transduction,ABHD5

Molecular Weight: 45kDa

Gene ID: 51099

UniProt: [Q8WTS1](#)

Pathways: [Lipid Metabolism](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

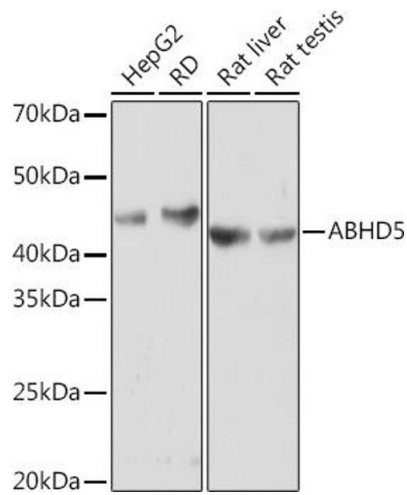
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Rabbit mAb (ABIN7265357) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.