

Datasheet for ABIN2775425  
**anti-ABHD5 antibody (C-Term)**



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2 Images

## Overview

Quantity:	100 µL
Target:	ABHD5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Pig, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABHD5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ABHD5
Sequence:	SVIFGARSCI DGNSGTSIQS LRPHSYVKTI AILGAGHYVY ADQPEEFNQK
Predicted Reactivity:	Cow: 86%, Dog: 100%, Guinea Pig: 85%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Sheep: 93%
Characteristics:	This is a rabbit polyclonal antibody against ABHD5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	ABHD5
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## Target Details

Alternative Name:	ABHD5 ( <a href="#">ABHD5 Products</a> )
Background:	<p>ABHD5 belongs to a large family of proteins defined by an alpha/beta 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. The protein encoded by this gene belongs to a large family of proteins defined by an alpha/beta 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.</p> <p>Alias Symbols: CDS, CGI58, IECN2, MGC8731, NCIE2</p> <p>Protein Interaction Partner: PNPLA2, PLIN1, Dlg4, UBC, PLIN2,</p> <p>Protein Size: 349</p>
Molecular Weight:	38 kDa
Gene ID:	51099
NCBI Accession:	<a href="#">NM_016006</a> , <a href="#">NP_057090</a>
UniProt:	<a href="#">Q8WTS1</a>
Pathways:	<a href="#">Lipid Metabolism</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 349 AA
Restrictions:	For Research Use only

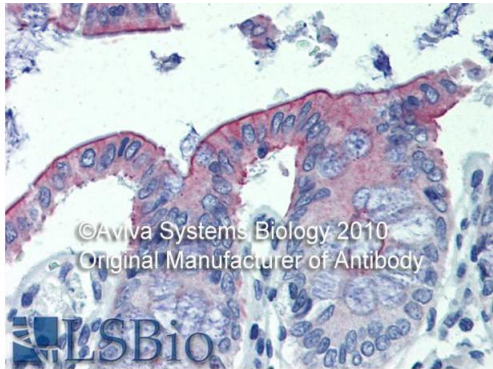
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

	sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

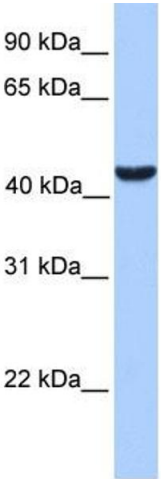
Images



Rabbit Anti-ABHD5 Antibody  
Catalog Number: ARP42456  
Lot Number: QC13315  
Paraffin Embedded Tissue: Human Colon  
Antibody Concentration: 10.0 µg/ml  
  
Data courtesy of Lifespan Biosciences, Inc.  
Aviva Systems Biology is the original manufacturer of this antibody.

Immunohistochemistry

Image 1.



Western Blotting

Image 2. WB Suggested Anti-ABHD5 Antibody Titration: 0.2-1 ug/ml Positive Control: MCF7 cell lysate ABHD5 is strongly supported by BioGPS gene expression data to be expressed in Human MCF7 cells