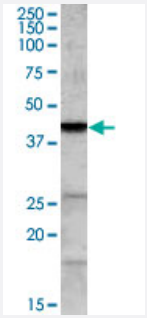
ABHD5 polyclonal antibody

Catalog # PAB7219 Size 100 ug

Applications



Western Blot (Cell lysate)

ABHD5 polyclonal antibody (Cat # PAB7219)(0.2 ug/mL) staining of NIH/3T3 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ABHD5.
Immunogen	A synthetic peptide corresponding to internal region of human ABHD5.
Sequence	C-FPERPDLADQDR
Host	Goat
Theoretical MW (kDa)	39.1
Reactivity	Bovine, Human, Mouse
Specificity	This antibody is not expected to cross-react with ABHD4.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) Western Blot (0.2-0.6 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  ABHD5 polyclonal antibody (Cat # PAB7219)(0.2 ug/mL) staining of NIH/3T3 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ABHD5

Entrez GeneID	51099
Protein Accession#	NP_057090.2
Gene Name	ABHD5
Gene Alias	CDS, CGI58, IECN2, MGC8731, NCIE2
Gene Description	abhydrolase domain containing 5
Omim ID	275630 604780
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to a large family of proteins defined by an alpha/beta h ydrolase 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 p utative 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 imp aired long-chain fatty acid oxidation. [provided by RefSeq
Other Designations	-

Publication Reference

- Adipose triglyceride lipase-mediated lipolysis of cellular fat stores is activated by CGI-58 and defective in Chanarin-Dorfman Syndrome.

  Lass A, Zimmermann R, Haemmerle G, Riederer M, Schoiswohl G, Schweiger M, Kienesberger P, Strauss JG, Gorkiewicz G, Zechner R.

  Cell Metabolism 2006 May; 3(5):309.