

Rabbit anti-Human, Rat Abhd5 Polyclonal Antibody | anti-ABHD5 antibody

Anti-Abhd5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46812	Rabbit	Human, Rat	Immunohistochemistry, Western Blot

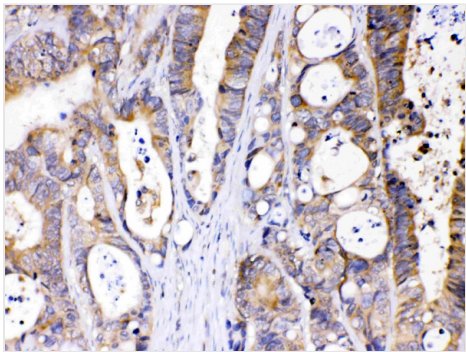
PRODUCT SYNONYMS

Abhd5; Polyclonal Antibody; Anti-Abhd5 Antibody; ABHD5; CDS; CGI 58; CGI58; CGI58 protein; IECN2; NCIE2; Q8WTS1; 1-acylglycerol-3-phosphate O-acyltransferase ABHD5; abhydrolase domain containing 5; anti-ABHD5 antibody

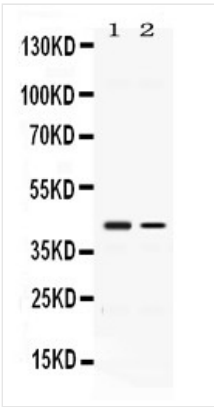
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	349
Applicable Applications for anti-ABHD5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Notes	Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E. coli-derived human Abhd5 recombinant protein (Position: R169-D349). Human Abhd5 shares 96.7% amino acid (aa) sequence identity with both mouse and rat Abhd5.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Abhd5 was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- Abhd5 Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of Abhd5 expression in rat kidney extract (lane 1) and A431 whole cell lysates (lane 2). Abhd5 at 43KD was detected using rabbit anti- Abhd5 Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-ABHD5 antibody	Rabbit IgG polyclonal antibody for 1-acylglycerol-3-phosphate O-acyltransferase ABHD5(ABHD5) detection. Background: 1-acylglycerol-3-phosphate O-acyltransferase ABHD5 is an enzyme that in humans is encoded by the ABHD5 gene. 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.
References	1. Ghosh AK, Ramakrishnan G, Chandramohan C, Rajasekharan R (Sep 2008). "CGI-58, the causative gene for Chanarin-Dorfman syndrome, mediates acylation of lysophosphatidic acid". The Journal of Biological Chemistry 283 (36): 24525-33. 2. Skarnes WC, Rosen B, West AP, Koutsourakis M, Bushell W, Iyer V, Mujica AO, Thomas M, Harrow J, Cox T, Jackson D, Severin J, Biggs P, Fu J, Nefedov M, de Jong PJ, Stewart AF, Bradley A (Jun 2011). "A conditional knockout resource for the genome-wide study of mouse gene function". Nature 474 (7351): 337-342.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542303
NCBI GeneID	51099
NCBI Accession #	NP_057090.2
NCBI GenBank Nucleotide #	NM_016006.4
UniProt Accession #	Q8WTS1; Q9Y369; B2R9K0
Molecular Weight	39,096 Da
NCBI Official Full Name	1-acylglycerol-3-phosphate O-acyltransferase ABHD5
NCBI Official Synonym Full Names	abhydrolase domain containing 5
NCBI Official Symbol	ABHD5
NCBI Official Synonym Symbols	CDS; CGI58; IECN2; NCIE2
NCBI Protein Information	1-acylglycerol-3-phosphate O-acyltransferase ABHD5
UniProt Protein Name	1-acylglycerol-3-phosphate O-acyltransferase ABHD5
UniProt Gene Name	ABHD5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/abhd5-antibody-immunohistochemistry-western-blot-elisa/46812>