

Rabbit anti-Human ABHD14B Monoclonal Antibody | anti-ABHD14B antibody

Recombinant Anti-ABHD14B Antibody, Rabbit Monoclonal

CATALOG # AAA255707	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

ABHD14B; Monoclonal Antibody; Recombinant Anti-ABHD14B Antibody; Rabbit Monoclonal; ABHD14B Antibody; Rabbit MAb; abhydrolase domain containing 14B; Anti-CIB Antibody; Anti-HEL-S-299 Antibody; anti-ABHD14B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	011
Specificity	Human ABHD14B
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ABHD14B antibody	IP (Immunoprecipitation), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Human ABHD14B protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human ABHD14B (rh ABHD14B).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

ABHD14B was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate Lane B: 0.5 mg HeLa Whole Cell Lysate 0.5 uL anti-ABHD14B rabbit monoclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-ABHD14B rabbit monoclonal antibody, at 1:500 dilution Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 25 kDa Observed band size: 25 kDa



WB (Western Blot)

Anti-ABHD14B rabbit monoclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (DyLight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 22 kDa Observed band size: 23 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ABHD14B antibody	ABHD14B belongs to the AB hydrolase superfamily, ABHD14 family. It can be detected in spleen, thymus, prostate, testis, ovary, small intestine, colon, peripheral blood leukocyte, heart, placenta, lung, liver, skeletal muscle, pancreas and kidney. ABHD14B has hydrolase activity towards p-nitrophenyl butyrate (in vitro) and may interact with TAF1. It may activate transcription. Recombinant human ABHD14B protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques. ABHD14B contains an alpha/beta hydrolase fold, which is a catalytic domain found in a very wide range of enzymes. In molecular biology, the alpha/beta hydrolase fold is common to a number of hydrolytic enzymes of widely differing phylogenetic origin and catalytic function. The Ab hydrolase domain containing gene subfamily is comprised of 15 mostly uncharacterized members.
References	Mehrlie A, et al. (2006) The LIFEdb database in 2006. Nucleic Acids Res. 34:D415-8.Wan D, et al. (2004) Large-scale cDNA transfection screening for genes related to cancer development and progression. Proc Natl Acad Sci. 101(44):15724-9.Wiemann S, et al. (2004) From ORFeome to biology: a functional genomics pipeline. Genome Res. 14 (10B):2136-44.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226443152
NCBI GeneID	84836
NCBI Accession #	NP_001139786.1
NCBI GenBank Nucleotide #	NM_001146314.1
UniProt Accession #	Q96IU4; Q86VK8; Q8N8W5
Molecular Weight	22,346 Da
NCBI Official Full Name	alpha/beta hydrolase domain-containing protein 14B isoform 1
NCBI Official Synonym Full Names	abhydrolase domain containing 14B
NCBI Official Symbol	ABHD14B
NCBI Official Synonym Symbols	CIB
NCBI Protein Information	alpha/beta hydrolase domain-containing protein 14B; CCG1-interacting factor B; cell cycle gene 1-interacting factor B; abhydrolase domain-containing protein 14B
UniProt Protein Name	Alpha/beta hydrolase domain-containing protein 14B
UniProt Gene Name	ABHD14B
UniProt Synonym Gene Names	CIB; Abhydrolase domain-containing protein 14B
UniProt Entry Name	ABHEB_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/abhd14b-antibody-clone-011-immunoprecipitation-western-blot-elisa/255707>