

ABHD14B (aa188-200) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3761a**Specification**

ABHD14B (aa188-200) Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	Q96IU4
Other Accession	NP_116139.1 , 84836 , 76491 (mouse) , 300983 (rat)
Reactivity	Human, Mouse, Rat
Predicted	Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	22346

ABHD14B (aa188-200) Antibody (internal region) - Additional Information**Gene ID** 84836**Other Names**

Alpha/beta hydrolase domain-containing protein 14B, Abhydrolase domain-containing protein 14B, 3.-.-, CCG1-interacting factor B, ABHD14B, CIB

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ABHD14B (aa188-200) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ABHD14B (aa188-200) Antibody (internal region) - Protein Information**Name** ABHD14B {ECO:0000303|PubMed:31478652, ECO:0000312|HGNC:HGNC:28235}**Function**

Acts as an atypical protein-lysine deacetylase in vitro (PubMed:31478652). Catalyzes the deacetylation of lysine residues using CoA as substrate, generating acetyl-CoA and the free amine of protein- lysine residues (PubMed:31478652). Additional experiments are however required to confirm the protein-lysine deacetylase activity in vivo (Probable). Has hydrolase activity towards various surrogate p- nitrophenyl (pNp) substrates, such as pNp-butyrate, pNp-acetate and pNp-octanoate in vitro, with a strong preference for pNp-acetate (PubMed:14672934, PubMed:31478652). May activate transcription (PubMed:14672934).

Cellular Location

Cytoplasm. Nucleus. Note=Predominantly cytoplasmic

Tissue Location

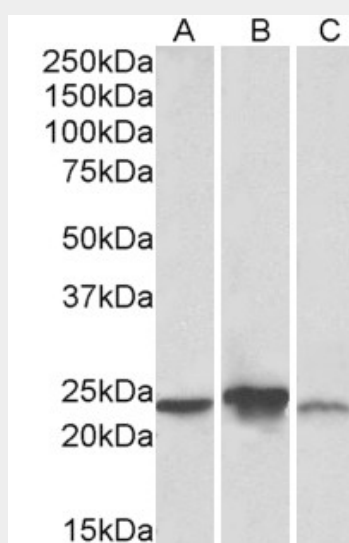
Ubiquitous (PubMed:14672934). Detected in spleen, thymus, prostate, testis, ovary, small intestine, colon, peripheral blood leukocyte, heart, placenta, lung, liver, skeletal muscle, pancreas and kidney (PubMed:14672934).

ABHD14B (aa188-200) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ABHD14B (aa188-200) Antibody (internal region) - Images



AF3761a (0.3 µg/ml) staining of Human (A), Mouse(B), Rat (C) Liver lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ABHD14B (aa188-200) Antibody (internal region) - Background

Reported variants represent identical protein: NP_116139.1, NP_001139786.1. This antibody is expected to NOT cross-react with ABHD14A.

ABHD14B (aa188-200) Antibody (internal region) - References

Purification, crystallization and preliminary X-ray crystallographic analysis of human CCG1-interacting factor B. Padmanabhan B, Kuzuhara T, Mizuno H, Horikoshi M. Acta Crystallogr D Biol Crystallogr. 2000 Nov;56(Pt 11):1479-81. PMID: 11053859