

ABHEB Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9700b**Specification**

ABHEB Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O96IU4](#)**ABHEB Antibody (C-term) Blocking Peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ABHEB Antibody (C-term) Blocking Peptide - 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).

ABHEB Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ABHEB Antibody (C-term) Blocking Peptide - Images

ABHEB Antibody (C-term) Blocking Peptide - Background

ABHEB has hydrolase activity towards p-nitrophenyl butyrate (in vitro). It may activate transcription.

ABHEB Antibody (C-term) Blocking Peptide - References

Padmanabhan, B., et al. Acta Crystallogr. D Biol. Crystallogr. 56 (PT 11), 1479-1481 (2000)