

Rabbit anti-Human BCKDHA Polyclonal Antibody | anti-BCKDHA antibody

BCKDHA Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282308	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

BCKDHA; Polyclonal Antibody; BCKDHA Rabbit pAb; BCKDE1A; MSU; MSUD1; OVD1A; 2-oxoisovalerate dehydrogenase subunit alpha; mitochondrial; anti-BCKDHA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	HPVAVPSEST ILAVQTEVGL EDLAAEDDEG FSADAVVALE QYASKVLHDS QIPRNGKGQQ VGDRAFRCGY K
Applicable Applications for anti-BCKDHA antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 276-445 of human BCKDHA (NP_000700.1).
Cellular Location	Mitochondrion matrix
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using BCKDHA Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using BCKDHA antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-BCKDHA antibody

The branched-chain alpha-keto acid (BCAA) dehydrogenase (BCKD) complex is an inner mitochondrial enzyme complex that catalyzes the second major step in the catabolism of the branched-chain amino acids leucine, isoleucine, and valine. The BCKD complex consists of three catalytic components: a heterotetrameric (alpha2-beta2) branched-chain alpha-keto acid decarboxylase (E1), a dihydrolipoyl transacylase (E2), and a dihydrolipoamide dehydrogenase (E3). This gene encodes the alpha subunit of the decarboxylase (E1) component. Mutations in this gene result in maple syrup urine disease, type IA. Multiple transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361146
NCBI GeneID	7629
NCBI Accession #	NP_003418.2
NCBI GenBank Nucleotide #	NM_003427.3
UniProt Accession #	P36508; Q9BQB2
Molecular Weight	61,831 Da
NCBI Official Full Name	zinc finger protein 76
NCBI Official Synonym Full Names	zinc finger protein 76
NCBI Official Symbol	ZNF76
NCBI Official Synonym Symbols	ZNF523; Zfp523; D6S229E
NCBI Protein Information	zinc finger protein 76; zinc finger protein 523; zinc finger protein 76 (expressed in testis)
UniProt Protein Name	Zinc finger protein 76
UniProt Gene Name	ZNF76
UniProt Synonym Gene Names	D6S229E; ZNF523
UniProt Entry Name	ZNF76_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/polyclonal/bckdha-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282308>