Rabbit anti-Human, Mouse DHTKD1 Polyclonal Antibody | anti-DHTKD1 antibody

DHTKD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232321	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

DHTKD1; Polyclonal Antibody; DHTKD1 Antibody; Probable 2-oxoglutarate dehydrogenase E1 component DHKTD1; mitochondrial; Dehydrogenase E1 and transketolase domain-containing protein 1; KIAA1630; anti-DHTKD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	919
Applicable Applications for anti-DHTKD1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Probable 2-oxoglutarate dehydrogenase E1 component DHKTD1, mitochondrial protein (N-280AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human brain tissue using AAA232321 at dilution of 1:100

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human gastric cancer using AAA232321 at dilution of 1:100

WB (Western Blot)
Western blotAll lanes: DHTKD1 antibody at 1.81 ug/mlLane 1: Mouse liver tissueLane 2: Mouse kidney tissueLane 3: A431 whole cell lysateLane 4: MCF7 whole cell lysateLane 5: HepG-2 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 103 kDaObserved band size: 103 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-DHTKD1 antibody	The 2-oxoglutarate dehydrogenase complex catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO(2). It contains multiple copies of three enzymatic components: 2-oxoglutarate dehydrogenase (E1), dihydrolipoamide succinyltransferase (E2) and lipoamide dehydrogenase (E3) (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	38788380
NCBI GeneID	55526
NCBI Accession #	NP_061176.3
NCBI GenBank Nucleotide #	NM_018706.6
UniProt Accession #	Q96HY7; Q68CU5; Q9BUM8; Q9HCE2
Molecular Weight	103,077 Da
NCBI Official Full Name	probable 2-oxoglutarate dehydrogenase E1 component DHKTD1, mitochondrial
NCBI Official Synonym Full Names	dehydrogenase E1 and transketolase domain containing 1
NCBI Official Symbol	DHTKD1
NCBI Official Synonym Symbols	CMT2Q; AMOXAD
NCBI Protein Information	probable 2-oxoglutarate dehydrogenase E1 component DHKTD1, mitochondrial
UniProt Protein Name	Probable 2-oxoglutarate dehydrogenase E1 component DHKTD1, mitochondrial
UniProt Gene Name	**DHTKD1**
UniProt Synonym Gene Names	KIAA1630
UniProt Entry Name	DHTK1_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/dhtkd1-antibody-immunohistochemistry-western-blot-elisa/232321