DHTKD1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DHTKD1, Polyclonal Antibody
Full Product Name	DHTKD1
Product Gene Name	anti-DHTKD1 antibody
Product Synonym Gene Name	CMT2Q; AMOXAD
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	103KD
Immunogen	Recombinant fragment corresponding to 185-351aa of human DHTKD1.
Cellular Localization	Mitochondrion
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-DHTKD1 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-DHTKD1 antibody	ELISA: 1:20,000-80,000 WB: 1:200-1,000 IHC: 1:100-500
Related Product Information for anti-DHTKD1 antibody	Probable 2-oxoglutarate dehydrogenase E1 component DHKTD1, mitochondrial (EC:1.2.4.2)
Product References and Citations for anti-DHTKD1 antibody	Deloukas P, Earthrowl ME, Grafham DV, et al. The DNA sequence and comparative analysis of human chromosome 10. Nature. 429:375-381 (2004)
Other Notes	Small volumes of anti-DHTKD1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DHTKD1 purchase	MBS8560626 is an antibody targeting DHTKD1. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DHTKD1. It may not necessarily be applicable to this product.

NCBI GI #	39644611
NCBI GeneID	55526
NCBI Accession #	BC007955
UniProt Related Accession #	Q96HY7

NCBI Official Full Name	Homo sapiens dehydrogenase E1 and transketolase domain containing 1, mRNA
NCBI Official Synonym Full Names	dehydrogenase E1 and transketolase domain containing 1
NCBI Official Symbol	DHTKD1
NCBI Official Synonym Symbols	CMT2Q; AMOXAD
Protein Family	Probable 2-oxoglutarate dehydrogenase E1 component
NCBI Protein Information	probable 2-oxoglutarate dehydrogenase E1 component DHKTD1, mitochondrial
NCBI Summary for DHTKD1	This gene encodes a component of a mitochondrial 2-oxoglutarate-dehydrogenase-complex-like protein involved in the degradation pathways of several amino acids, including lysine. Mutations in this gene are associated with 2-aminoadipic 2-oxoadipic aciduria and Charcot-Marie-Tooth Disease Type 2Q. [provided by RefSeq, May 2013]
Research Articles on DHTKD1	**1.** DHTKD1 encodes the E1 subunit of the alpha-ketoadipic acid dehydrogenase complex
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