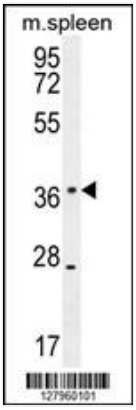
KLHDC1 Antibody – Rabbit Polyclonal

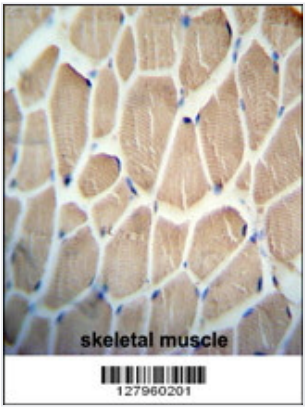
PRODUCT OVERVIEW

Product Name	KLHDC1, Polyclonal Antibody
Full Product Name	KLHDC1, NT (KLHDC1, Kelch domain-containing protein 1) (PE)
Product Gene Name	anti-KLHDC1 antibody
Product Synonym Names	KLHDC1; Kelch domain-containing protein 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	46,720 Da
Chromosome Location	Chromosome: 14; NC_000014.8 (50159823..50219870). Location: 14q21.3
OMIM	611281
3D Structure	ModBase 3D Structure for Q8N7A1
Immunogen	KLHDC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-101 amino acids from the N-terminal region of human KLHDC1.
Conjugate	PE
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-KLHDC1 antibody	Antibodies; Kelch Proteins
Applications Tested/Suitable for anti-KLHDC1 antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-KLHDC1 antibody	IHC: 1:50-100 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-KLHDC1 antibody	KLHDC1 contains 6 Kelch repeats and is widely expressed, with high levels in skeletal muscle, pancreas and liver. KLHDC1 and KLHDC2 have differential localization and activity in cultured mammalian cells. The exact function of KLHDC1 remains unknown.
Product References and Citations for anti-KLHDC1 antibody	Feng, T., et al. Hum. Genet. 128(3):269-280(2010). Chin, K.T., et al. Mol. Cell. Biochem. 296 (1-2), 109-119 (2007).

Other Notes	Small volumes of anti-KLHDC1 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 KLHDC1 purchase	MBS6314072 is an antibody targeting KLHDC1. Also known as KLHDC1, NT (KLHDC1, Kelch domain-containing protein 1) (PE). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-KLHDC1 antibody
KLHDC1 Antibody (N-term) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the KLHDC1 antibody detected the KLHDC1 protein (arrow).



Immunohistochemistry (IHC) of anti-KLHDC1 antibody
KLHDC1 antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the KLHDC1 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KLHDC1. It may not necessarily be applicable to this product.

NCBI GI #	26190616
NCBI GeneID	122773
NCBI Accession #	NP_751943.1
UniProt Primary Accession #	Q8N7A1
UniProt Secondary Accession #	Q8WYI1; B3KXD9
UniProt Related Accession #	Q8N7A1
GenBank Nucleotide #	NM_172193.2
NCBI Official Full Name	kelch domain-containing protein 1
NCBI Official Synonym Full Names	kelch domain containing 1
NCBI Official Symbol	KLHDC1
NCBI Official Synonym Symbols	MST025
UniProt Protein Name	Kelch domain-containing protein 1
Protein Family	Kelch domain-containing protein
UniProt Gene Name	KLHDC1
UniProt Entry Name	KLDC1_HUMAN
NCBI Protein Information	kelch domain-containing protein 1
UniProt Comments for KLHDC1	KLHDC1: Chromosomal Location of Human Ortholog: 14q21.3 Cellular Component: cytoplasm

Research Articles on KLHDC1	**1.** Blocking CCR4 and CCR10 simultaneously, or their ligands, should be beneficial in the treatment of T-cell-mediated skin diseases.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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