CHADL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CHADL, Polyclonal Antibody
Full Product Name	CHADL, ID (CHADL, SLRR4B, Chondroadherin-like protein) (MaxLight 550)
Product Gene Name	anti-CHADL antibody
Product Synonym Names	CHADL; SLRR4B; Chondroadherin-like protein
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
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: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	82,388 Da
OMIM	616236
3D Structure	ModBase 3D Structure for Q6NUI6
Immunogen	CHADL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 405-434 amino acids from the Central region of human CHADL.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-CHADL antibody	Antibodies; Toll Like Receptors (TLR)
Applications Tested/Suitable for anti-CHADL antibody	Western Blot (WB), FLISA
Application Notes for anti-CHADL antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-CHADL antibody	Members of the small leucine-rich proteoglycan (SLRP) family are mostly extracellular proteins that function upstream of multiple signaling cascades. They affect intracellular phosphorylation and modulate distinct pathways, such as those driven by Toll-like receptors, TGF? and receptor tyrosine kinases. As a member of the SLRP family, CHADL (Chondroadherin-like protein) is a 762 amino acid protein containing 21 LRR (leucine-rich) repeats, which promote protein-ligand interactions. Chondroadherin, a closely related protein, promotes attachment of chrondocytes, osteoblasts and fibroblasts and also plays an important role in the regulation of chrodrocyte proliferation and growth. CHADL is a secreted protein that is located in the extracellular space. There are two isoforms of CHADL that exist as a result of alternative splicing events.
Product References and Citations for anti-CHADL antibody	Barbe, L., et al. Mol. Cell Proteomics 7(3):499-508(2008).

Other Notes	Small volumes of anti-CHADL 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 CHADL purchase	MBS6285509 is an antibody targeting CHADL. Also known as CHADL, ID (CHADL, SLRR4B, Chondroadherin-like protein) (MaxLight 550). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	194440719
NCBI GeneID	150356
NCBI Accession #	NP_612490.1
UniProt Primary Accession #	Q6NUI6
UniProt Secondary Accession #	Q05CY2; Q4G0S0; Q5JY13; Q86XY1; Q96E60
UniProt Related Accession #	Q6NUI6
GenBank Nucleotide #	NM_138481.1
NCBI Official Full Name	chondroadherin-like protein
NCBI Official Synonym Full Names	chondroadherin-like
NCBI Official Symbol	CHADL
NCBI Official Synonym Symbols	SLRR4B
UniProt Protein Name	Chondroadherin-like protein
Protein Family	Chondroadherin-like protein
UniProt Gene Name	CHADL
UniProt Synonym Gene Names	SLRR4B
UniProt Entry Name	CHADL_HUMAN
NCBI Protein Information	chondroadherin-like protein
UniProt Comments for CHADL	CHADL: Belongs to the small leucine-rich proteoglycan (SLRP) family. SLRP class IV subfamily. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 22q13.2 Cellular Component: extracellular matrix; proteinaceous extracellular matrix Molecular Function: collagen binding Biological Process: negative regulation of chondrocyte differentiation
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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