CHAD Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CHAD, Polyclonal Antibody
Full Product Name	CHAD Rabbit pAb
Product Gene Name	anti-CHAD antibody
Product Synonym Names	SLRR4A
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	40kDa
OMIM	602178
3D Structure	ModBase 3D Structure for O15335
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-359 of human CHAD (NP_001258.2).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CHAD antibody	Western Blot (WB)
Application Notes for anti-CHAD antibody	WB: 1:500-1:2000
Related Product Information for anti-CHAD antibody	MBS8549711 is an antibody targeting CHAD. Also known as CHAD Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-CHAD 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.

ADDITIONAL DETAILS

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

NCBI GI #	153251229
NCBI GeneID	1101
NCBI Accession #	NP_001258
UniProt Primary Accession #	O15335
UniProt Related Accession #	O15335

GenBank Nucleotide #	NP_001258.2
NCBI Official Full Name	chondroadherin
NCBI Official Synonym Full Names	chondroadherin
NCBI Official Symbol	CHAD
NCBI Official Synonym Symbols	SLRR4A
UniProt Protein Name	Chondroadherin
UniProt Synonym Protein Names	Cartilage leucine-rich protein
Protein Family	Chondroadherin
UniProt Gene Name	CHAD
UniProt Synonym Gene Names	SLRR4A
UniProt Entry Name	CHAD_HUMAN
NCBI Protein Information	chondroadherin
NCBI Summary for CHAD	Chondroadherin is a cartilage matrix protein thought to mediate adhesion of isolated chondrocytes. The protein contains 11 leucine-rich repeats flanked by cysteine-rich regions. The chondroadherin messenger RNA is present in chondrocytes at all ages. [provided by RefSeq, Jul 2008]
UniProt Comments for CHAD	CHAD: Promotes attachment of chondrocytes, fibroblasts, and osteoblasts. This binding is mediated (at least for chondrocytes and fibroblasts) by the integrin alpha(2)beta(1). May play an important role in the regulation of chondrocyte growth and proliferation. Belongs to the small leucine-rich proteoglycan (SLRP) family. SLRP class IV subfamily. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 17q21.33 Cellular Component: cytoplasm; proteinaceous extracellular matrix Molecular Function: protein kinase inhibitor activity Biological Process: cytokine and chemokine mediated signaling pathway; negative regulation of JAK-STAT cascade; negative regulation of protein kinase activity
Research Articles on CHAD	**1.** crystal structures at ~2.2A resolution of human fibromodulin and chondroadherin.
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