



Rabbit Anti-CHADL antibody

SL13885R

Product Name:	CHADL
Chinese Name:	软骨蛋白样蛋白抗体
Alias:	AY100452; CHADL; CHADL_HUMAN; Chondroadherin-like protein; D930017K21Rik; mCG_8786; RP4-756G23.1; SLRR4B.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	79kDa
Cellular localization:	Extracellular matrix
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CHADL:101-200/762
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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 β 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 chondrocytes, osteoblasts and fibroblasts and also plays an important role in the regulation of chondrocyte 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.

Subcellular Location:

Secreted; extracellular space; extracellular matrix.

Similarity:

Belongs to the small leucine-rich proteoglycan (SLRP) family. SLRP class IV subfamily.

Contains 19 LRR (leucine-rich) repeats.

Contains 2 LRRCT domains.

Contains 2 LRRNT domains.

SWISS:

Q6NUI6

Gene ID:

150356

Database links:

[Entrez Gene: 150356](#) Human

[SwissProt: Q6NUI6](#) Human

[Unigene: 344488](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.