

CHADL Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16613c**Specification**

CHADL Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q6NUI6](#)

CHADL Antibody (Center) Blocking Peptide - Additional Information

Gene ID 150356

Other Names

Chondroadherin-like protein, CHADL, SLRR4B

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CHADL Antibody (Center) Blocking Peptide - Protein Information

Name CHADL

Synonyms SLRR4B

Function

Potential negative modulator of chondrocyte differentiation. Inhibits collagen fibrillogenesis in vitro. May influence chondrocyte's differentiation by acting on its cellular collagenous microenvironment.

Cellular Location

Secreted. Secreted, extracellular space, extracellular matrix {ECO:0000250|UniProtKB:E9Q7T7}

CHADL Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CHADL Antibody (Center) Blocking Peptide - Images

CHADL Antibody (Center) Blocking Peptide - Background

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.

CHADL Antibody (Center) Blocking Peptide - References

Barbe, L., et al. Mol. Cell Proteomics 7(3):499-508(2008)