

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## CHADL RABBIT PAB

Cat.#: S221729

**Product Name:** Anti-CHADL Rabbit Polyclonal Antibody

Synonyms: SLRR4B

UNIPROT ID: Q6NUI6 (Gene Accession - NP\_612490)

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

Immunogen: Synthetic peptide of human CHADL

Applications: ELISA, IHC

Recommended Dilutions: IHC: Oct-50; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human

**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

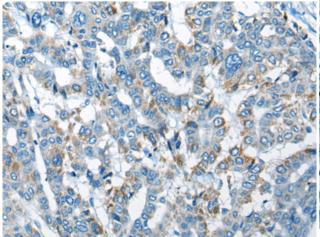
Research Areas: Stem Cells

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing

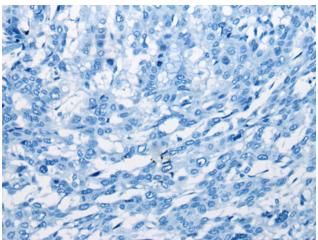


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Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221729(CHADL Antibody) at a dilution of 1/30(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221729(Anti-CHADL Antibody) at dilution 1/30.