

**AP50883PU-N****Polyclonal Antibody to CHADL (Center) - Aff - Purified**

<b>Alternate names:</b>	Chondroadherin-like protein, SLRR4B
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	<p>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<math>\beta</math> 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.</p>
<b>Uniprot ID:</b>	<a href="#">Q6NUJ6</a>
<b>NCBI:</b>	<a href="#">NP_612490</a>
<b>GenelD:</b>	<a href="#">150356</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 405-434 amino acids from the Central region of human CHADL
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Affinity chromatography on Protein A <b>Buffer System:</b> PBS <b>Preservatives:</b> 0.09% (W/V) sodium azide
<b>Applications:</b>	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Molecular Weight:</b>	Isoform2 74kd. 82388 Da
<b>Specificity:</b>	This antibody reacts to CHADL.
<b>Species Reactivity:</b>	<b>Tested:</b> Human.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Barbe, L., et al. Mol. Cell Proteomics 7(3):499-508(2008)

## Pictures:

CHADL Antibody (Center) (Cat. #AP50883PU-N) western blot analysis in T47D cell line lysates (35µg/lane). This demonstrates the CHADL antibody detected the CHADL protein (arrow).

