

CAB3721

Product Information

Product SKU:	CAB3721	Gene ID:	8506	Size:	20uL, 100uL
Clone No:	ARC2084	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	190kDa	Conjugate:	Unconjugated
Calculated MW:	156kDa	Isotype:	IgG

Immunogen Information

Background: The gene product was initially identified as a 190-kD protein associated with the contactin-PTPRZ1 complex. The 1,384-amino acid protein, also designated p190 or CASPR for 'contactin-associated protein,' includes an extracellular domain with several putative protein-protein interaction domains, a putative transmembrane domain, and a 74-amino acid cytoplasmic domain. Northern blot analysis showed that the gene is transcribed predominantly in brain as a transcript of 6.2 kb, with weak expression in several other tissues tested. The architecture of its extracellular domain is similar to that of neuexins, and this protein may be the signaling subunit of contactin, enabling recruitment and activation of intracellular signaling pathways in neurons.

Recommended Dilution: WB,1:500 - 1:1000

Synonyms: CHN3; P190; CASPR; NRXN4; CNTNAP; Caspr1

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 700-800 of human Caspr11 (P78357).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.