

## Product datasheet for **AP32063PU-N**

### Cntn4 (160-172) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>Peptide ELISA:</b> 1/128000 (Detection Limit). <b>Western blot:</b> 0.5-1.5 µg/ml. Approx 150kDa band observed in Mouse Brain lysates and not in the same lysates from the KO mice (calculated MW of 113kDa according to NP_001103219.1).
Reactivity:	Canine, Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the internal region of the protein sequence according to NP_001103219.1; NP_766592.2.
Specificity:	This antibody is expected to recognize both reported isoforms of Contactin 4 (NP_001103219.1; NP_766592.2). Reported variants represent identical protein: NP_766592.2, NP_001103221.1
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	contactin 4

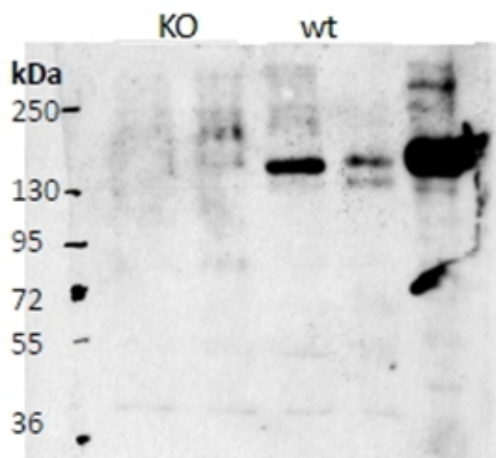


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Database Link: [Entrez Gene 269784 Mouse](#)  
[Q69Z26](#)

Synonyms: CNTN4, BIG-2, BIG2

### Product images:



Contactin-4 / Big-2 Antibody (0.5 ug/ml) staining of Mouse Olfactory bulb (Lanes 1 and 3) and Cerebral cortex (Lanes 2 and 4), comparing wildtype (lanes 3 and 4) with KO mice (Lanes 1 and 2). The last lane contains a lysate of HEK293 overexpressing Mouse Cntn4 (lysate (35ug protein in RIPA buffer)). Primary incubation was 1 hour. Detected by chemiluminescence. Data obtained from Gerrald Lodewijk and Peter Burbach, Rudolf Magnus Institute, Utrecht, Netherlands.