

## Anti-Contactin 4/Big-2-Mouse antibody (160-172) (STJ72892)

STJ72892

### GENERAL INFORMATION

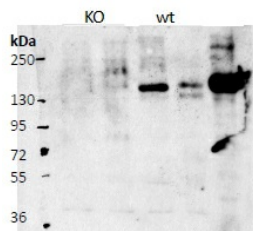
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-Contactin 4/Big-2-Mouse (160-172) is suitable for use in ELISA and Western Blot research applications.
<b>Applications</b>	Pep-ELISA, WB
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human, Mouse, Rat, Dog

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	WB-0.5-1.5µg/ml ELISA-antibody detection limit dilution 1:128000.
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20 on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	152330
<b>Gene Symbol</b>	CNTN4
<b>Uniprot ID</b>	CNTN4_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	160-172
<b>Specificity</b>	This antibody is expected to recognize both reported isoforms (NP_001103219.1; NP_766592.2). Reported variants represent identical protein: NP_766592.2, NP_001103221.1
<b>Immunogen Sequence</b>	RRADGKPIARK



STJ72892 (0.5µg/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 (35µg 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.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081