

Anti-Nsg1/Neep21 antibody (N-Term) (STJ72840)

STJ72840

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-Nsg1/Neep21 (N-Term) is suitable for use in ELISA, Western Blot and Immunocytochemistry research applications.
Applications	Pep-ELISA/WB/ICC
Host/Source	Goat
Reactivity	Human/Mouse/Rat/Cow

PRODUCT PROPERTIES

Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Approx 22kDa band observed in Mouse fetal Brain lysates (calculated MW of 20.9kDa according to NP_035072.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

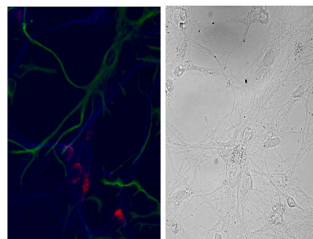
Gene ID	27065
Gene Symbol	NSG1
Uniprot ID	NSG1_HUMAN
Immunogen	
Immunogen Region	N-Term
Specificity	
Immunogen Sequence	EKGTKQPLLEDGFD

250kDa
150kDa
100kDa
75kDa

50kDa
37kDa

25kDa
20kDa
15kDa

STJ72840 (0.1µg/ml) staining of fetal Mouse Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ72840 (3µg/ml) staining of primary DIV9 cells from Hippocampus E18 Rat embryos showed exclusive localization (red, Alexa 568) within the neurons (MAP2 staining in blue, Alexa 647) and not in the glia (GFAP staining in green, Alexa 488). Right panel shows the same cells in phase contrast. Data obtained from Dr. C. C. Yap, University of Virginia Medical School, USA.

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.
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