

Goat anti-Nsg1 / Neep21 Antibody

Item Number	dAP-2670
Target Molecule	Principle Name: Nsg1 / Neep21; Official Symbol: Nsg1; All Names and Symbols: Nsg1; neuron specific gene family member 1; Bsmrb; Neep21; PEP1; brain neuron cytoplasmic protein 1/2; brain specific mRNA b; neuron-specific protein family member 1; Accession Number (s): NP_077042.2; Human Gene ID(s): 27065; Non-Human GenelD(s): 18196 (mouse) 25247 (rat)
Immunogen	EKGTKQPLLEDGFD, is from N Terminus
Applications	Pep ELISA, WB, ICC Species Tested: Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: 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.
IHC	
Reference	Reference(s): Yap CC, Wisco D, Kujala P, Lasiecka ZM, Cannon JT, Chang MC, Hirling H, Klumperman J, Winckler B. The somatodendritic endosomal regulator NEEP21 facilitates axonal targeting of L1/NgCAM. <i>J Cell Biol.</i> 2008 Feb 25;180(4):827-42.. PMID: 18299352->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**