

Goat anti-Neurologin 3 Antibody

Item Number	dAP-1308
Target Molecule	Principle Name: Neurologin 3; Official Symbol: NLGN3; All Names and Symbols: neurologin 3; KIAA1480; ASPGX1; AUTSX1; HNL3; NLGN3; Accession Number (s): NP_061850.2; Human Gene ID(s): 54413; Non-Human GeneID(s):
Immunogen	RKDKRRQEPLRQPS, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
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 16000.
Western Blot	Western Blot: Approx. 85-90kDa band observed in Human Brain (Amygdala) lysates (calculated MW of 91.6kDa according to NP_061850.2). In transfected HEK293 transiently expressing Neuregulin3 a band of approx. 98kDa is observed. This band is not observed in
IHC	
Reference	Reference(s): Tabuchi K, Blundell J, Etherton MR, Hammer RE, Liu X, Powell CM, Sudhof TC. A neurologin -3 mutation implicated in autism increases inhibitory synaptic transmission in mice. Science. 2007 Oct 5;318(5847):71-6. Epub 2007 Sep 6..PMID: 17823315 ->

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 ender users! This product is sold for **Research Use Only**