

## Goat anti-Neurexin 1 Antibody

<b>Item Number</b>	dAP-1135
<b>Target Molecule</b>	Principle Name: Neurexin 1; Official Symbol: NRXN1; All Names and Symbols: neurexin 1; DKFZp313P2036; NRXN1; FLJ35941; Hs.22998; KIAA0578; neurexin I; Accession Number (s): NP_004792.1 ; NP_620072.1; Human Gene ID(s): 9378; Non-Human GeneID(s): 18189 (mouse) 60391 (rat)
<b>Immunogen</b>	KEKQPSSAKSSNKN, is from C Terminus This antibody is expected to recognise both reported isoforms (NP_004792.1 and NP_620072.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: In transfected HEK293 transiently expressing full-length Human NRXN1 (myc and DYKDDDDK tagged), bands of approx. 75 and 60kDa were observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDD
<b>IHC</b>	

**Reference**      Reference(s): Feng J, Schroer R, Yan J, Song W, Yang C, Bockholt A, Cook EH Jr, Skinner C, Schwartz CE, Sommer SS. High frequency of neurexin 1beta signal peptide structural variants in patients with autism. *Neurosci Lett.* 2006 Nov 27;409(1):10-3. Epub 2006 Oct 10. .PMID: 17034946 ->

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**