



Goat anti-NOVA1 Antibody

Item Number	dAP-1385
Target Molecule	Principle Name: NOVA1; Official Symbol: NOVA1; All Names and Symbols: NOVA1; neuro-oncological ventral antigen 1; Nova-1; paraneoplastic Ri antigen; ventral neuron-specific protein 1; Accession Number (s): NP_002506.2 ; NP_006480.2 ; NP_006482.1; Human Gene ID(s): 4857; Non-Human GeneID(s):
Immunogen	REMPQNVAKTEPVS, is from internal region This antibody is expected to recognise all three reported isoforms (NP_002506.2 ; NP_006480.2 ; NP_006482.1)
Applications	Pep ELISA, WB, IHC 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 64000.
Western Blot	Western Blot: In transfected HEK293 transiently expressing NOVA1 a band of approx. 52kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.01-0.03µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Cerebral Cortex shows staining of selected nuclei. Recommended concentration, 2-4µg/ml.
Reference	Reference(s): Jelen N, Ule J, Zivin M, Darnell RB. Evolution of Nova-dependent splicing regulation in the brain. PLoS Genet. 2007 Oct 12;3(10):1838-47. Epub 2007 Aug 27..PMID: 17937501 ->

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**