



Goat anti-NDEL1 Antibody

Item Number	dAP-1716
Target Molecule	Principle Name: NDEL1; Official Symbol: NDEL1; All Names and Symbols: NDEL1; nudE nuclear distribution gene E homolog (A. nidulans)-like 1; DKFZp451M0318; EOPA; MITAP1; NUDEL; NUDE-like protein; endooligopeptidase A; mitosis-associated protein MITAP1; nudE nuclear distribution gene E homolog like 1; Accession Number (s): NP_001020750.1; NP_110435.1; Human Gene ID(s): 81565; Non-Human Gene-ID(s): 83431 (mouse) 170845 (rat)
Immunogen	CRNFAKDQASRKSYS, is from internal region This antibody is expected to recognize both reported isoforms (NP_001020750.1; NP_110435.1).
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 8000.
Western Blot	Western Blot: Approx 38+39kDa bands observed in Human Brain (Cerebellum) lysates (calculated MW of 37.0kDa according to NP_001020750.1 and of 38.4kDa according to NP_110435.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Yingling J, Youn YH, Darling D, Toyo-Oka K, Pramparo T, Hirotsune S, Wynshaw-Boris A. Neuroepithelial stem cell proliferation requires LIS1 for precise spindle orientation and symmetric division. Cell 2008 Feb 132 (3): 474-86..PMID: 18267077->

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**