

Goat anti-NET1 / ARHGEF8 (Internal) Antibody

Item Number	dAP-0866
Target Molecule	Principle Name: NET1 / ARHGEF8 (Internal); Official Symbol: NET1; All Names and Symbols: NET1; ARHGEF8; neuroepithelial cell transforming gene 1; NET1A; Rho guanine nucleotide exchange factor (GEF) 8; guanine nucleotide regulatory protein (oncogene); neuroepithelioma transforming gene 1; p65 Net1 proto-oncogene protein; small GTP-binding prot; Accession Number (s): NP_005854.2; NP_001040625.1; Human Gene ID(s): 10276; Non-Human GeneID(s): 56349 (mouse) 307098 (rat)
Immunogen	DKLEYLDEKQRDPR, is from internal region This antibody is expected to recognize both reported isoforms (NP_001040625.1 and NP_005854.2).
Applications	Pep ELISA, 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 16000.
Western Blot	Western Blot: Preliminary experiments gave an approx 80-90kDa double band in Human Placenta lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated
IHC	Immunohistochemistry: In paraffin embedded Human Breast shows cytoplasm staining of myoepithelial cells of ducts. Recommended concentration, 2.5µg/ml.
Reference	Reference(s): Qin H, Carr HS, Wu X, Muallem D, Tran NH, Frost JA. Characterization of the biochemical and transforming properties of the neuroepithelial transforming protein 1. J Biol Chem. 2005 Mar 4;280 (9):7603-13. Epub 2004 Dec 16. .PMID: 15611121 ->

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**