



Goat anti-Npap60 / Nup50 Antibody

Item Number	dAP-0142
Target Molecule	Principle Name: Npap60 / Nup50; Official Symbol: NUP50; All Names and Symbols: NUP50; NPAP60; NPAP60L; MGC39961; DKFZP564A043; nucleoporin 50kDa; nuclear pore-associated protein 60L; CTA-268H5.7; OTTHUMP00000199530; Accession Number (s): NP_009103.2; NP_705931.1; Human Gene ID (s): 10762; Non-Human GeneID(s): 18141 (mouse)
Immunogen	ELHKILLEKKDA, is from C Terminus This antibody is expected to recognise both reported isoforms (NP_009103.2; NP_705931.1).
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 32000.
Western Blot	Western Blot: Approx 60kDa band observed in lysates of cell line Jurkat (calculated MW 50.1 kDa according to NP_009103.2). Recommended for use at 0.2-1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Uterus shows textured nuclear staining of endometrial cells. Recommended concentration, 2.5-3.8µg/ml.
Reference	Reference(s): Lindsay ME, Plafker K, Smith AE, Clurman BE, Macara IG. Npap60/Nup50 is a tri-stable switch that stimulates importin-alpha:beta-mediated nuclear protein import. Cell. 2002 Aug 9;110(3):349-60..PMID: 12176322 ->

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**