



Goat anti-Karyopherin (importin) beta 1 Antibody

Item Number	dAP-0857
Target Molecule	Principle Name: Karyopherin (importin) beta 1; Official Symbol: KPNB1; All Names and Symbols: KPNB1; karyopherin (importin) beta 1; HGNC:6400; IMB1; IPOB; Impnb; MGC2155; MGC2156; MGC2157; NTF97; importin 90; importin beta-1 subunit; karyopherin beta 1; nuclear factor p97; KapB1; IPO1; Accession Number (s): NP_002256.2; Human Gene ID(s): 3837; Non-Human GeneID(s): 16211 (mouse) 24917 (rat)
Immunogen	RRSKTNKAKTLAT, is from C Terminus
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 90-100kDa band observed in lysates of cell lines Daudi, HEK293, and Jurkat (calculated MW of 97.2kDa according to NP_002256.2). Recommended concentration: 0.03-0.1µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 5µg/ml.
Reference	Reference(s): Caudron M, Bunt G, Bastiaens P, Karsenti E. Spatial coordination of spindle assembly by chromosome-mediated signaling gradients. Science. 2005 Aug 26;309(5739):1373-6. .PMID: 16123300 ->

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**