

Goat anti-KPNA4 / IPOA3 Antibody

Item Number	dAP-0276
Target Molecule	Principle Name: KPNA4 / IPOA3; Official Symbol: KPNA4; All Names and Symbols: KPNA4; IPOA3; QIP1; SRP3; MGC12217; MGC26703; karyopherin alpha 4 (importin alpha 3); importin alpha 3; importin-alpha-Q1; karyopherin alpha 4; Accession Number (s): NP_002259.1; Human Gene ID(s): 3840; Non-Human GenelD(s):
Immunogen	NSSANVPTEGFQF, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse
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 55-60kDa band observed in Human Testis lysates (predicted size of approx. 58kDa according to NP_002259.1). Recommended concentration: 0.2-1µg/ml
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows strong nuclear staining of some cells in the seminiferous tubules. Recommended concentration: 3µg/ml. In paraffin embedded Human Small Intestine shows pixulate staining in nuclei of enterocyt
Reference	Reference(s): Seki T, Tada S, Katada T, Enomoto T. Cloning of a cDNA encoding a novel importin-alpha homologue, Qip1: discrimination of Qip1 and Rch1 from hSrp1 by their ability to interact with DNA helicase Q1/RecQL. Biochem Biophys Res Commun. 1997 May 8;234(1):48-53..PMID: 9168958 ->

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**