

## Goat anti-KPNA2 / IPOA1 Antibody

Item Number	dAP-0287
Target Molecule	Principle Name: KPNA2 / IPOA1; Official Symbol: KPNA2; All Names and Symbols: KPNA2; IPOA1 QIP2; RCH1; SRP1alpha; karyopherin alpha 2 (RAG cohort 1, importin alpha 1); RAG cohort 1; importin alpha 1; importin alpha 2; importin-alpha-P1; karyopherin alpha 2; pendulin; Accession Number (s): NP_002257.1; Human Gene ID(s): 3838; Non-Human GeneID(s): 16647 (mouse) 85245 (rat)
Immunogen	QVQDGAPGTFNF, is from C Terminus
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 32000.
Western Blot	Western Blot: Approx 55kDa band observed in lysates of cell line HeLa (calculated MW of 57.9kDa according to NP_002257.1). Recommended for use at 0.03-0.1µg/ml
IHC	
Reference	Reference(s): Cuomo CA, Kirch SA, Gyuris J, Brent R, Oettinger MA. Rch1, a protein that specifically interacts with the RAG-1 recombination-activating protein. Proc Natl Acad Sci U S A. 1994 Jun 21;91(13):6156-60.. PMID: 8016130 ->

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 end users! This product is sold for **Research Use Only**