

## Goat anti-KPNA1 / Importin alpha 5 Antibody

<b>Item Number</b>	dAP-0292
<b>Target Molecule</b>	Principle Name: KPNA1 / Importin alpha 5; Official Symbol: KPNA1; All Names and Symbols: KPNA1; importin alpha 5; RCH2; SRP1; NPI-1; karyopherin alpha 1 (importin alpha 5); IPOA5; importin-alpha-S1; karyopherin alpha 1; nucleoprotein interactor 1; recombination activating gene cohort 2; Accession Number (s): NP_002255.3; Human Gene ID(s): 3836; Non-Human GeneID(s): 16646 (mouse) 288064 (rat)
<b>Immunogen</b>	TTPGKENFRLKSY, is from N Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 60kDa band observed in lysates of cell lines HEK293 and HeLa (calculated MW of 60.3kDa according to NP_002255.1). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Cortes P, Ye ZS, Baltimore D. RAG-1 interacts with the repeated amino acid motif of the human homologue of the yeast protein SRP1. Proc Natl Acad Sci U S A. 1994 Aug 2;91(16):7633-7..PMID: 8052633 ->

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**