

Goat anti-KPNA3 / IPOA4, Biotinylated Antibody

Item Number	dAP-3413
Target Molecule	Principle Name: KPNA3 / IPOA4, Biotinylated; Official Symbol: KPNA3; All Names and Symbols: KPNA3; karyopherin subunit alpha 3; IPOA4; SRP1; SRP1gamma; SRP4; hSRP1; SRP1-gamma; importin alpha 4; importin alpha Q2; importin alpha-3; importin subunit alpha-3; importin-alpha-Q2; karyopherin alpha 3 (importin alpha 4); karyopherin subunit alpha-3; q; Accession Number (s): NP_002258.2; Human Gene ID (s): 3839; Non-Human GeneID(s): 16648 (mouse) 361055 (rat)
Immunogen	CDPTANLQTKEFNF., is from C Terminus
Applications	Pep ELISA, WB, IHC, ICC, IF, IP Species Tested: Human, Mouse, Rat
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 Rat Testis lysates (calculated MW of 57.8kDa according to Human NP_002258.2 and Rat NP_001014792.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Köhler M, Ansieau S, Prehn S, Leutz A, Haller H, Hartmann E. Cloning of two novel human importin-alpha subunits and analysis of the expression pattern of the importin-alpha protein family. FEBS letters 1997 Nov 417 (1): 104-8.. PMID: 9395085->

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**