

Goat anti-KPNA6 Antibody

Item Number	dAP-1455
Target Molecule	Principle Name: KPNA6; Official Symbol: KPNA6 ; All Names and Symbols: KPNA6 ; karyopherin alpha 6 (importin alpha 7) ; FLJ11249; IPOA7; KPNA7; MGC17918; importin alpha 7 subunit; importin-alpha-S2; karyopherin alpha 6; Accession Number (s): NP_036448.1; Human Gene ID(s): 23633; Non-Human Gene-ID(s): 16650 (mouse) 362607 (rat)
Immunogen	STTGESVITREMVE, is from internal
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 128000.
Western Blot	Western Blot: Approx 60kDa band observed in Human Skeletal Muscle lysates (calculated MW of 60.0kDa according to NP_036448.1). Recommended concentration: 0.1-0.3µg/ml. Some minor background is detected and is blocked by the immunizing peptide. We call for
IHC	Immunohistochemistry: In paraffin embedded Human Adrenal Gland shows staining of cytoplasm and some nuclear membrane (nuclear pores). Recommended concentration, 3-6µg/ml.
Reference	Reference(s): Ma J, Cao X. Regulation of Stat3 nuclear import by importin alpha5 and importin alpha7 via two different functional sequence elements. <i>Cell Signal.</i> 2006 Aug;18(8):1117-26. Epub 2005 Nov 18.. PMID: 16298512 ->

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**