

## Goat anti-KPNA6 Antibody

<b>Item Number</b>	dAP-1455
<b>Target Molecule</b>	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)
<b>Immunogen</b>	STTGESVITREMVE, is from internal
<b>Applications</b>	Pep ELISA, WB, IHC 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 128000.
<b>Western Blot</b>	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 fo
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Adrenal Gland shows staining of cytoplasm and some nuclear membrane (nuclear pores). Recommended concentration, 3-6µg/ml.
<b>Reference</b>	Reference(s): Ma J, Cao X. Regulation of Stat3 nuclear import by importin alpha5 and importin alpha7 via two different functional sequence elements. Cell Signal. 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 ender users! This product is sold for **Research Use Only**