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Research Use Only. Not for diagnostic or therapeutic use.

EB06232 - Goat Anti-KPNA1 / Importin alpha 5 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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

Official Symbol: KPNA1

Accession Number(s): NP_002255.3

Human GeneID(s): 3836

Non-Human GeneID(s): 16646 (mouse), 288064 (rat)

Immunogen

Peptide with sequence TTPGKENFRLKSY-C, from the N Terminus of the protein sequence according to NP_002255.3.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

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.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

250kDa 150kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB06232 staining (1 μ g/ml) of HeLa lysate (RIPA buffer, 35 μ g total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.