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Research Use Only. Not for diagnostic or therapeutic use.

EB06237-B - Goat Anti-KPNA3 / IPOA4, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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, qip2

Official Symbol: KPNA3

Accession Number(s): NP_002258.2

Human GeneID(s): 3839

Non-Human GeneID(s): 16648 (mouse), 361055 (rat)

Immunogen

Peptide with sequence CDPTANLQTKEFNF., from the C Terminus of the protein sequence according to NP_002258.2.

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 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.

Species Reactivity

Tested: Human, Mouse, Rat

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

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

Biotinylated EB06237 (1µg/ml) staining of Rat Testis lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.