

Goat anti-Kinesin 1 / UKHC, Biotinylated Antibody

Item Number	dAP-3419
Target Molecule	Principle Name: Kinesin 1 / UKHC, Biotinylated; Official Symbol: KIF5B; All Names and Symbols: KIF5B; kinesin family member 5B; HEL-S-61; KINH; KNS; KNS1; UKHC; conventional kinesin heavy chain; epididymis secretory protein Li 61; kinesin 1 (110-120kD); kinesin heavy chain; ubiquitous kinesin heavy chain; Accession Number (s): NP_004512.1; Human Gene ID(s): 3799; Non-Human GeneID(s): 16573 (mouse) 117550 (rat)
Immunogen	CQPVAVRGGGGKQV., is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human, Dog
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 8000.
Western Blot	Western Blot: Approx 120kDa band observed in lysates of cell line HeLa (calculated MW of 110kDa according to NP_004512.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Semiz S, Park JG, Nicoloso SM, Furcinitti P, Zhang C, Chawla A, Leszyk J, Czech MP. Conventional kinesin KIF5B mediates insulin-stimulated GLUT4 movements on microtubules. The EMBO journal 2003 May 22 (10): 2387-99..PMID: 12743033->

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**