

## Goat anti-Kinesin 1 / UKHC Antibody

<b>Item Number</b>	dAP-0419
<b>Target Molecule</b>	Principle Name: Kinesin 1 / UKHC; Official Symbol: KIF5B; All Names and Symbols: KIF5B; UKHC; kinesin 1 (110-120kD); kinesin family member 5B; KNS; KINH; KNS1; U-KHC; kinesin heavy chain; Accession Number (s): NP_004512.1; Human Gene ID(s): 3799; Non-Human GeneID(s):
<b>Immunogen</b>	QPVAVRGGGGKQV, is from C Terminus
<b>Applications</b>	Pep ELISA, WB 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 8000.
<b>Western Blot</b>	Western Blot: Approx 110kDa band observed in lysates of the cell lines Jurkat and HeLa (calculated MW of 110kDa according to NP_004512.1). Recommended concentration: 0.5-1.5µg/ml.
<b>IHC</b>	

<b>Reference</b>	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 EMBO J. 2003 May 15;22(10):2387-99.PMID: 12743033->
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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**