

Goat anti-KIF5A Antibody

Item Number	dAP-0289
Target Molecule	Principle Name: KIF5A; Official Symbol: KIF5A; All Names and Symbols: KIF5A; kinesin family member 5A; NKHC; N-KHC; D12S1889; MY050; SPG10; KIF5A variant protein; kinesin, heavy chain, neuron-specific; Accession Number (s): NP_004975.2; Human Gene ID(s): 3798; Non-Human GeneID(s):
Immunogen	QAKLFPLHQETAAS, is from C Terminus
Applications	Pep ELISA Species Tested:
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 16000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 140, 50, 35 and 20kDa in Human Brain lysates at 1ug of primary. Please note that currently we cannot find an explanation in the literature for the multiple bands we observe given the predicted si
IHC	
Reference	Reference(s): Reid E, Kloos M, Ashley-Koch A, Hughes L, Bevan S, Svenson IK, Graham FL, Gaskell PC, Dearlove A, Pericak-Vance MA, Rubinstein DC, Marchuk DA. A kinesin heavy chain (KIF5A) mutation in hereditary spastic paraplegia

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**