

## Goat anti-KIF4A Antibody

<b>Item Number</b>	dAP-0123
<b>Target Molecule</b>	Principle Name: KIF4A; Official Symbol: KIF4A; All Names and Symbols: KIF4A; kinesin family member 4A; FLJ12530; FLJ12655; FLJ14204; FLJ20631; HSA271784; KIF4; KIF4-G1; chromokinesin; kinesin family member 4; Accession Number (s): NP_036442.3; Human Gene ID(s) ; Non-Human GeneID(s):
<b>Immunogen</b>	SFFSGCSPIEEEAH, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, IF, FC Species Tested: Human, Mouse
<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 64000.
<b>Western Blot</b>	Western Blot: Approx 150kDa band observed in nuclear lysates of cell line NIH3T3 (calculated MW of 139.5kDa according to Mouse NP_032472.2). Recommended concentration:1-2µg/ml. Primary incubation 1 hour at room temperature.<strong> Negative Control:</st
<b>IHC</b>	
<b>Reference</b>	Reference(s): Sekine Y, Okada Y, Noda Y, Kondo S, Aizawa H, Takemura R, Hirokawa N. A novel microtubule-based motor protein (KIF4) for organelle transports, whose expression is regulated developmentally. J Cell Biol. 1994 Oct;127(1):187-201..PMID: 7929562->

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**