

Goat anti-CMG1 / CCDC2 / IFT74, Biotinylated Antibody

Item Number	dAP-3464
Target Molecule	Principle Name: CMG1 / CCDC2 / IFT74, Biotinylated; Official Symbol: IFT74; All Names and Symbols: IFT74; CCDC2; CMG-1; FLJ22621; MGC111562; intraflagellar transport 74 homolog (Chlamydomonas); capillary morphogenesis protein 1; coiled-coil domain containing 2; CMG1; Accession Number (s): NP_001092692.1; NP_001092693.1; NP_079379.2; AAK77221.1; Human Gene ID(s): 80173; Non-Human GenelD(s): 313365 (rat)
Immunogen	KTIVDALHSTSGN., is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
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 32000.
Western Blot	Western Blot: Approx 70kDa band observed in lysates of cell line HEK293 (calculated MW of 69.2kDa according to AAK77221.1). The observed molecular weight corresponds to earlier findings in literature (Momeni et al, BMC Neurol. 2006 Dec 13;6:44.; PMID: 17
IHC	
Reference	Reference(s): Bell SE, Mavila A, Salazar R, Bayless KJ, Kanagala S, Maxwell SA, Davis GE. Differential gene expression during capillary morphogenesis in 3D collagen matrices: regulated expression of genes involved in basement membrane matrix assembly, cell cycle progression, cellular differentiation and G-

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 end users! This product is sold for **Research Use Only**