

Goat anti-HIPPI Antibody

Item Number	dAP-1779
Target Molecule	Principle Name: HIPPI; Official Symbol: IFT57; All Names and Symbols: IFT57; intraflagellar transport 57 homolog (Chlamydomonas); ESRRL1; FLJ10147; HIPPI; MHS4R2; HIP1 protein interactor; estrogen-related receptor beta like 1; huntingtin interacting protein-1 interacting protein; Accession Number (s): NP_060480.1; Human Gene ID(s): 55081; Non-Human GeneID(s): 73916 (mouse) 303968 (rat)
Immunogen	EQPQEYDDPNATISN , is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 49kDa band observed in Human and Mouse Brain lysates (calculated MW of 49.1kDa according to Human NP_060480.1 and of 48.8kDa according to Mouse NP_082956.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Niu Q, Ybe JA. Crystal structure at 2.8 Å of Huntingtin-interacting protein 1 (HIP1) coiled-coil domain reveals a charged surface suitable for HIP1 protein interactor (HIPPI). J. Mol. Biol. 2008 Feb 375 (5): 1197-205.. PMID: 18155047->

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**