

Goat anti-PSCD4 / CYTOHESIN 4 Antibody

Item Number	dAP-0440
Target Molecule	Principle Name: PSCD4 / CYTOHESIN 4; Official Symbol: CYTH4; All Names and Symbols: CYTH4; PSCD4; CYT4; DJ63G5.1; CYTOHESIN-4; pleckstrin homology, Sec7 and coiled/coil domains 4; cytohesin-4; cytohesin 4; cytohesin-4; pleckstrin homology, Sec7 and coiled-coil domains 4; Accession Number (s): NP_037517.1; Human Gene ID(s): 27128; Non-Human GeneID(s):
Immunogen	DLCHPEPAELSSG, is from N 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 32000.
Western Blot	Western Blot: Preliminary experiments gave no signal but low background in Human Kidney and Brain lysates at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?
IHC	
Reference	Reference(s): Ogasawara M, Kim SC, Adamik R, Togawa A, Ferrans VJ, Takeda K, Kirby M, Moss J, Vaughan M. Similarities in function and gene structure of cytohesin-4 and cytohesin-1, guanine nucleotide-exchange proteins for ADP-ribosylation factors. J Biol Chem. 2000 Feb 4;275(5):3221-30.. PMID: 10652308

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**