

Goat anti-PACSIN1 Antibody

Item Number	dAP-0491
Target Molecule	Principle Name: PACSIN1; Official Symbol: PACSIN1; All Names and Symbols: PACSIN1; protein kinase C and casein kinase substrate in neurons 1; KIAA1379; SDPI; syndapin I; Accession Number (s): NP_065855.1; Human Gene ID(s): 29993; Non-Human GeneID(s):
Immunogen	SSSYDEASLAPEET, is from N Terminus Reported variants represent identical protein (NP_065855.1; NP_001186512.1).
Applications	Pep ELISA, WB, IHC 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 50kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 51.1kDa according to NP_065855.1). Recommended concentration: 0.03-0.1µg/ml. An additional band of unknown identity was also consistently observed at 37kDa.
IHC	Immunohistochemistry: Paraffin embedded Human Brain (Cortex and Cerebellum). Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Modregger J, DiProspero NA, Charles V, Tagle DA, Plomann M. PACSIN 1 interacts with huntingtin and is absent from synaptic varicosities in presymptomatic Huntington's disease brains. Hum Mol Genet. 2002 Oct 1;11(21):2547-58..PMID:

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**