



Goat anti-PICK1 Antibody

Item Number	dAP-0904
Target Molecule	Principle Name: PICK1; Official Symbol: PICK1; All Names and Symbols: PICK1; protein interacting with PRKCA 1; MGC15204; PRKCABP ; OTTHUMP00000028509; PRKCA-binding protein; protein interacting with C kinase 1; protein kinase C, alpha binding protein; Accession Number (s): NP_036539.1; Human Gene ID(s): 9463; Non-Human GeneID(s): 18693 (mouse) 84591 (rat)
Immunogen	HYNKLQADPKQ, is from internal region Reported variants represent identical protein (NP_036539.1; NP_001034672.1; NP_001034673.1).
Applications	Pep ELISA, WB Species Tested: Mouse, Rat
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 16000.
Western Blot	Western Blot: Approx 50kDa band observed in mouse and rat brain lysates (calculated MW of 46.6kDa according to NP_036539.1, NP_001034672.1 and NP_001034673.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Steinberg JP, Takamiya K, Shen Y, Xia J, Rubio ME, Yu S, Jin W, Thomas GM, Linden DJ, Huganir RL. Targeted in vivo mutations of the AMPA receptor subunit GluR2 and its interacting protein PICK1 eliminate cerebellar long-term depression. Neuron. 2006 Mar 16;49(6):845-60. .PMID: 16543133 ->

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**