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PICK1 Antibody

CATALOG NUMBER: 45-110



Western Blot (1ug/ml) staining of mouse brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Mouse, Rat
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:16000. 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: 1-3ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1403 - Mouse Brain Tissue Lysate
SPECIFICITY:	Reported variants represent identical protein (NP_036539.1; NP_001034672.1; NP_001034673.1).
IMMUNOGEN:	PICK1 antibody was raised against an 11 amino acid synthetic peptide near the internal region of PICK1.
HOST SPECIES:	Goat

Properties

PURIFICATION:	PICK1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	PICK1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	PICK1, protein interacting with PRKCA 1, MGC15204, PRKCABP, OTTHUMP00000028509, PRKCA-binding protein, protein interacting with C kinase 1, protein kinase C, alpha binding protein
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ACCESSION NO.: NP_036539.1, NP_001034672.1, NP_001034673.1

PROTEIN GI NO.: 7110697

OFFICIAL SYMBOL: PICK1

GENE ID: 9463

Background

REFERENCES: 1) 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.

FOR RESEARCH USE ONLY

October 22, 2017