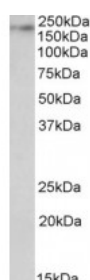




Kalirin Antibody

CATALOG NUMBER: 45-789



Western Blot (0.1ug/ml) staining of Rat Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	ELISA, IHC-P, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx 200kDa band observed in Human Brain (Cerebellum) and Rat Brain lysates (calculated MW of 192kDa according to NP_003938.1). Recommended concentration: 0.1-0.3ug/ml. Immunohistochemistry: An anonymous customer found positive results in IHC on Mouse brain tissue (from previous batch, different goat).
POSITIVE CONTROL:	1) Cat. No. 1403 - Mouse Brain Tissue Lysate
SPECIFICITY:	This antibody is expected to recognize isoform 2 (NP_003938.1).
IMMUNOGEN:	Kalirin antibody was raised against a 14 amino acid synthetic peptide near the C-Terminus of Kalirin.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Kalirin antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	Kalirin 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:	KALRN, kalirin, RhoGEF kinase, FLJ16443, HAPIP, TRAD, duo, huntingtin-associated protein interacting protein (duo), serine/threonine kinase with Dbl- and pleckstrin homology domains, DUET, DUO
ACCESSION NO.:	NP_003938.1
PROTEIN GI NO.:	4504335

OFFICIAL SYMBOL:	KALRN
GENE ID:	8997

Background

REFERENCES: 1) Colomer V, Engelender S, Sharp AH, Duan K, Cooper JK, Lanahan A, Lyford G, Worley P, Ross CA. Huntingtin-associated protein 1 (HAP1) binds to a Trio-like polypeptide, with a rac1 guanine nucleotide exchange factor domain. Hum Mol Genet. 1997 Sep;6(9):1519-25.

FOR RESEARCH USE ONLY

December 13, 2016