

Goat anti-Kalirin (isoform 2) Antibody

Item Number	dAP-0909
Target Molecule	Principle Name: Kalirin (isoform 2); Official Symbol: KALRN; All Names and Symbols: KALRN; kalirin, RhoGEF kinase; FLJ16443; HAPIP; TRAD; duo; huntingtin-associated protein interacting protein (duo); serine/threonine kinase with Dbl- and pleckstrin homology domains; hCG_2022551; DUET; DUO; FLJ12332; FLJ18196; FLJ18623;; Accession Number (s): NP_003938.1; Human Gene ID(s): 8997; Non-Human GenID(s): 545156 (mouse) 84009 (rat)
Immunogen	RWHLGPGDPFSTYV, is from C Terminus This antibody is expected to recognize isoform 2 (NP_003938.1).
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 8000.
Western Blot	Western Blot: Approx 150kDa band observed in Mouse and Rat Brain lysates (calculated MW of 192kDa according to Human NP_003938.1 and 191kDa according to Mouse NP_001157740.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): 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. <i>Hum Mol Genet.</i> 1997 Sep;6(9):1519-25.. PMID: 9285789 ->

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**