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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06143 - Goat Anti-Kalirin (isoform 2) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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

Official Symbol: KALRN

Accession Number(s): NP_003938.1

Human GeneID(s): [8997](#)

Non-Human GeneID(s): 545156 (mouse), 84009 (rat)

Important Comments: This antibody is expected to recognize isoform 2 (NP_003938.1).

Immunogen

Peptide with sequence C-RWHLGPGDPFSTYV, from the C Terminus of the protein sequence according to NP_003938.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

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.

Species Reactivity

Tested: Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat

EB06143 (1.0µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.