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

EB09009 - Goat Anti-KALRN Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KALRN, kalirin, RhoGEF kinase, DUET, FLJ16443, HAPIP, TRAD, duo, huntingtin-associated protein interacting protein (duo), serine/threonine kinase with Dbl- and pleckstrin homology domains

Official Symbol: KALRN

Accession Number(s): NP_001019831.2; NP_003938.1; NP_008995.2; NP_001309917.1; ,NP_001309918.1; NP_001309919.1; NP_001309920.1; NP_001309921.1

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

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

Important Comments: This antibody is expected to recognize reported isoforms NP_001019831.2 (iso 1), , NP_003938.1;(iso 2);, NP_008995.2 (iso 3), .NP_001309917.1 (iso 4), ,NP_001309918.1(iso 5), NP_001309919.1 (iso 6), NP_001309920.1 (iso 7) and NP_001309921.1 (iso 8).

Immunogen

Peptide with sequence DRGSFRNDGLKAS-C, from the N Terminus of the protein sequence according to NP_001019831.2; NP_003938.1; NP_008995.2; NP_001309917.1; ,NP_001309918.1; NP_001309919.1; NP_001309920.1; NP_001309921.1.

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 1:64000.

Western blot: Preliminary experiments gave an approx 49kDa band in Human, Mouse and Rat Brain lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 340kDa according to NP_001019831.2 and of 192kDa according to NP_003938.1. The 49kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Cow