



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**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