

UK Office

Everest Biotech Ltd

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

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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

EB11540 - Goat Anti-RIF1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DKFZp434D1026, DKFZp781N1478, FLJ12870, OTTHUMP00000162712, OTTHUMP00000207206, OTTHUMP00000207207, OTTHUMP00000207208, OTTHUMP00000207210, RAP1 interacting factor homolog (yeast), rap1-interacting factor 1 homolog, RIF1, telomere-associated protein RIF1

Official Symbol: RIF1

Accession Number(s): NP_060621.3; NP_001171134.1

Human GeneID(s): [55183](#)

Non-Human GeneID(s): 51869 (mouse)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_060621.3; NP_001171134.1). The immunizing peptide sequence has been optimised for cross-reactivity in mouse. Reported variants represent identical protein: NP_001171135.1, NP_001171136.1, NP_001171134.1

Immunogen

Peptide with sequence C-RNLQSRWRSPSHEN, from the C Terminus of the protein sequence according to NP_060621.3; NP_001171134.1.

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 270kDa band observed in lysates of cell line HeLa and of Mouse Embryonic Stem cells (calculated MW of 274kDa according to NP_060621.3). The observed band is suppressed by introduction of Rif1 siRNA to HeLa. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Dog, Pig, Cow

EB11540 (1µg/ml) staining of HeLa and Mouse D3 (ES) lysates (35µg protein in RIPA buffer). Data obtained from Hisao Masai, Tokyo Metropolitan Institute of Medical Science, Japan. Primary incubation was 1 hour. Detected by chemiluminescence.