



Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD, United Kingdom

everestbiotech.com

sales@everestbiotech.com

support@everestbiotech.com

Tel +44 1869 238326

Fax +44 1869 238327

Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06542 - Goat Anti-RIF1 (aa 2076-2089) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Rap1 interacting factor 1, telomere-associated protein RIF1 homolog, Rif1

Official Symbol: RIF1

Accession Number(s): NP_060621.3

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

Important Comments: This antibody is expected to recognise an epitope corresponding to aa 2076-2089 of human RIF1 protein.

Immunogen

Peptide with sequence CEEGIIDANKTETNT, from the internal region of the protein sequence according to NP_060621.3.

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 1:16000.

Western blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the predicted size of approx. 247kDa according to NP_060621. Therefore we cannot recommend an optimal concentration and the product is investigative grade. 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

Background Reference

Silverman J, Takai H, Buonomo SB, Eisenhaber F, de Lange T.

Human Rif1, ortholog of a yeast telomeric protein, is regulated by ATM and 53BP1 and functions in the S-phase checkpoint.

Genes Dev. 2004 Sep 1;18(17):2108-19.

PMID: 15342490