

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.**

EB06513 - Goat Anti-TIM50 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TIMM50, TIM50L, translocase of inner mitochondrial membrane 50 homolog (yeast), Tim50-like protein, homolog of yeast Tim50, translocase of inner mitochondrial membrane 50 homolog (S. cerevisiae), MGC102733, TIM50

Official Symbol: TIMM50

Accession Number(s): NP_001001563.1

Human GeneID(s): [92609](#)

Important Comments: This antibody is expected to recognise an epitope corresponding to aa 396-409 of human TIM50.

Immunogen

Peptide with sequence CDVRTVLEHYALEDD, from the internal region of the protein sequence according to NP_001001563.1.

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 1:16000.

Western blot: Experiments gave bands at approx 40kDa in Human Heart lysate after 0.5µg/ml antibody staining. This band corresponds to earlier findings in literature with different antibodies (PMID: 15044455). This protein has a calculated MW of 50.5kDa according to NP_001001563. Recommended concentration: 0.5-3µg/ml.

Species Reactivity

Tested: Human

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

EB06513 staining (0.5µg/ml) of Human Heart lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.