

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.**

EB07604 - Goat Anti-C14orf68 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: C14orf68, chromosome 14 open reading frame 68, HDMCP, HMFN1655, hepatocellular carcinoma-downregulated mitochondrial carrier protein

Official Symbol: C14orf68

Accession Number(s): NP_997000.2

Human GeneID(s): [283600](#)

Immunogen

Peptide with sequence C-RYGNPDAKPTKAD, from the internal region of the protein sequence according to NP_997000.2.

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: Preliminary experiments gave an approx 45kDa band in Human Liver 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 33.4kDa according to NP_997000.2. The 45kDa 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?

IHC: In paraffin embedded Human Liver shows staining of nucleoli in select hepatocytes. Recommended concentration, 2.5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB07604 (2.5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.