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diagnostic or therapeutic use.**

EB07605 - Goat Anti-C14orf68 (aa242-254) 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: SLC25A47

Accession Number(s): NP_997000.2

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

Immunogen

Peptide with sequence C-KSRLQADGQGQRR, 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 1:32000.

Western blot: Preliminary experiments gave an approx 22kDa band in Human Liver lysates after 0.5µg/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 22kDa band was successfully blocked by incubation with the immunizing peptide.

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

EB07605 (2.5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.