

Goat anti-C14orf68 (aa242-254) Antibody

Item Number	dAP-1005
Target Molecule	Principle Name: C14orf68 (aa242-254); Official Symbol: C14orf68; All Names and Symbols: C14orf68; chromosome 14 open reading frame 68 ; HDMCP; HMFN1655 ; hepatocellular carcinoma-downregulated mitochondrial carrier protein; Accession Number (s): NP_997000.2; Human Gene ID(s): 283600; Non-Human GeneID(s):
Immunogen	KSRLQADGQGQRR, is from internal region
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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 33.4k
IHC	Immunohistochemistry: In paraffin embedded Human Liver shows staining of nucleoli in select hepatocytes. Recommended concentration, 2.5µg/ml.
Reference	Reference(s): Tan MG, Ooi LL, Aw SE, Hui KM. Cloning and identification of hepatocellular carcinoma down-regulated mitochondrial carrier protein, a novel liver-specific uncoupling protein. J Biol Chem. 2004 Oct 22;279(43):45235-44. Epub 2004 Aug 18. .PMID: 15322095 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**