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Research Use Only. Not for diagnostic or therapeutic use.

EB06682 - Goat Anti-PCSK9 (C Terminus) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PCSK9, FH3, NARC1, HCHOLA3, proprotein convertase subtilisin/kexin type 9, neural apoptosis regulated convertase 1, hypercholesterolemia, autosomal dominant 3, proprotein convertase subtilisin/kexin type 9, LDLCQ1, NARC-1

Official Symbol: PCSK9

Accession Number(s): NP_777596.2

Human GenelD(s): 255738

Immunogen

Peptide with sequence CRSRHLAQASQELQ, from the C Terminus of the protein sequence according to NP_777596.2.

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: Approx 75kDa band observed in Human Adipose lysates (calculated MW of 74.3kDa according to NP_777596.2). Recommended concentration: 0.3-1μg/ml. Primary incubation was 1 hour. Constructs and lysates were as described in Sun et al Hum Mol Genet. 2005 May 1;14(9):1161-9, PMID: 15772090. A customer found positive results in WB on Human Liver.

IHC: Paraffin embedded Human Liver. Recommended concentration: 5-6µg/ml.

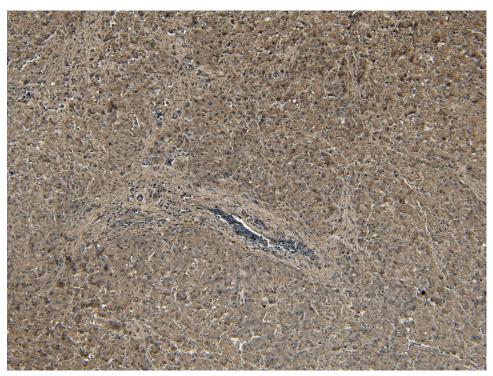
Species Reactivity

Tested: Human

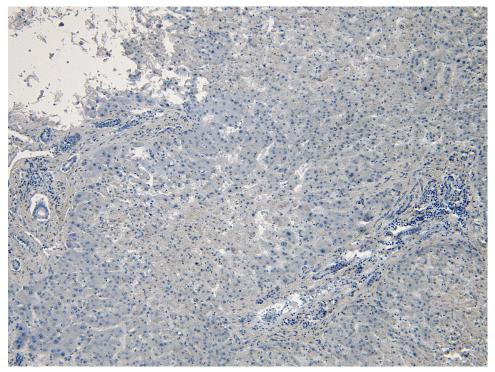
Expected from sequence similarity: Human



EB06682 (0.3 μ g/ml) staining of Human Adipose lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB06682 ($5\mu g/ml$) staining of paraffin embedded Human Liver. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB06682 Negative Control showing staining of paraffin embedded Human Liver, with no primary antibody.