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EB08546 - Goat Anti-Sterol carrier protein 2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SCP2, sterol carrier protein 2, DKFZp686C12188, DKFZp686D11188, NLTP, NSL-TP, SCPX, nonspecific lipid-transfer protein, sterol carrier protein X

Official Symbol: SCP2

Accession Number(s): NP_001007099.1; NP_002970.2; NP_001180528.1;

NP_001180529.1; NP_001180546.1

Human GenelD(s): 6342

Non-Human GenelD(s): 20280 (mouse), 25541 (rat)

Important Comments: This antibody is expected to recognize isoform 1, 2, 6, 7 and 8 (NP_002970.2; NP_001007099.1; NP_001180529.1; NP_001180528.1; NP_001180546.1 respectively),

Immunogen

Peptide with sequence C-KNHKHSVNNPYSQ, from the internal region of the protein sequence according to NP_001007099.1; NP_002970.2; NP_001180528.1; NP_001180529.1; NP_001180546.1.

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

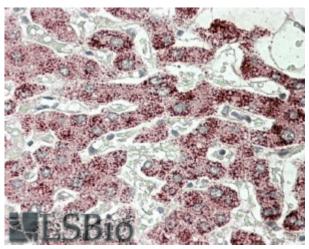
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Preliminary experiments gave an approx 50kDa 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 59.0kDa according to NP_001007099.1 and of 6.7kDa according to NP_002970.2. The 28kDa 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 speckled cytoplasm staining in hepatocytes. Recommended concentration, 3-6μg/ml.

Species Reactivity

Tested: Human

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



 $EB08546~(3.8\mu g/ml)~staining~of~paraffin~embedded~Human~Liver-.~Steamed~antigen~retrieval~with~citrate~buffer~pH~6,~AP-staining.$