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Research Use Only. Not for diagnostic or therapeutic use.

EB12300 - Goat Anti-SCARB1 / SR-BI Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SCARB1, scavenger receptor class B, member 1, CD36L1, CLA-1, CLA1, HDLQTL6, SR-BI, SRB1, CD36 and LIMPII analogous 1, CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 1, scavenger receptor class B member 1,

scavenger receptor class B type III

Official Symbol: SCARB1

Accession Number(s): NP_005496.4

Human GeneID(s): 949

Important Comments: This antibody is expected to recognize isoform 1 (NP_005496.4)

only.

Immunogen

Peptide with sequence C-TSAPKGSVLQEAK, from the C Terminus of the protein sequence according to NP_005496.4.

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 1:128000.

Western blot: Approx 85kDa band observed in Human Adrenal gland lysates (calculated MW of 57.0kDa according to NP_005496.4). We do note that SCARB1 is a glycoprotein which makes a higher size band to be expected, and this is consistent with observations with different antibodies from other sources. Recommended concentration:

 $0.01 \text{-} 0.03 \mu g/ml.$

IHC: Paraffin embedded Human Testis. Recommended concentration: $5\mu g/ml$.

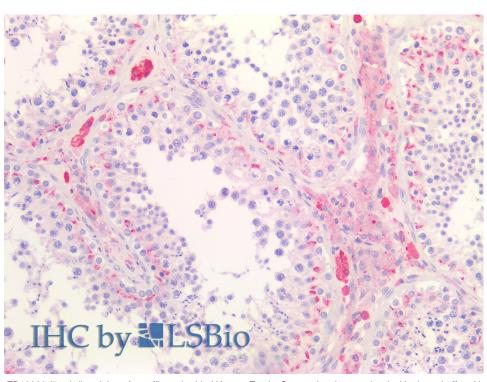
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



 $EB12300~(0.01\mu g/ml)~staining~of~Human~Adrenal~Gland~lysate~(35\mu g~protein~in~RIPA~buffer).~Primary~incubation~was~1~hour.~Detected~by~chemiluminescence.$



EB12300 (5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.