

## UK Office

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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: 0.01-0.03µg/ml.

**IHC:** Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB12300 (0.01µg/ml) staining of Human Adrenal Gland lysate (35µg 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.