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EB06485 - Goat Anti-SCARF1 / SREC Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SCARF1, SREC, KIAA0149, MGC47738, scavenger receptor class F, member 1, acetyl LDL receptor, scavenger receptor expressed by endothelial cells

Official Symbol: SCARF1

Accession Number(s): NP_003684.2; NP_663325.1; NP_663327.2

Human GeneID(s): 8578

Important Comments: This antibody is expected to recognise all three reported isoforms (NP_003684.2; NP_663325.1; NP_663327.2). Epitope corresponding to aa 20-31, mapping to the mature human SCARF1 / SREC1 protein.

Immunogen

Peptide with sequence SELDPKGQHVC, from the internal region of the protein sequence according to NP_003684.2; NP_663325.1; NP_663327.2.

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

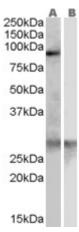
Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 85-90kDa band observed in Human Heart lysates (calculated MW of 87.4kDa according to NP_003684.2). Recommended concentration: 0.3-1.0μg/ml. Primary incubation was 1 hour. An additional faint band of 28kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB06485 (0.3 μ g/ml) staining of Human Heart lysate (35 μ g protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Detected by chemiluminescence.