



## SREC-II Polyclonal Antibody

E20-74412

**Catalog Number:**E20-74412

**Amount:**100ul

**Applications:**IHC-p,WB,ELISA

**Reactivity:**Human

**Gene Name:**SCARF2

**Protein Name:**Scavenger receptor class F member 2

**Human Gene Id:**91179

**Human Swiss Prot No:**Q96GP6

**Mouse Swiss Prot No:**P59222

**Immunogen:**The antiserum was produced against synthesized peptide derived from human SCARF2.

AA range:677-726

**Specificity:**SREC-II Polyclonal Antibody detects endogenous levels of SREC-II protein.

**Formulation:**Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Source:**Rabbit

**Dilution:**Immunohistochemistry: 1/100 - 1/300.Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

**Purification:**The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Storage Stability:**-20°C/1 year

**Other Names:**SCARF2; SREC2; SREPCR; Scavenger receptor class F member 2; SRECRP-1; Scavenger receptor expressed by endothelial cells 2 protein; SREC-II

**Background:**scavenger receptor class F member 2(SCARF2) Homo sapiens The protein encoded by this gene is similar to SCARF1/SREC-I, a scavenger receptor protein that mediates the binding and degradation of acetylated low density lipoprotein (Ac-LDL). This protein has only little activity of internalizing modified low density lipoproteins (LDL), but it can interact with SCARF1 through its extracellular domain. The association of this protein with SCARF1 is suppressed by the presence of

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scavenger ligands. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008].

**Function:** Probable adhesion protein, which mediates homophilic and heterophilic interactions. In contrast to SCARF1, it poorly mediates the binding and degradation of acetylated low density lipoprotein (Ac-LDL).,similarity: Contains 7 EGF-like domains.,subunit: Homophilic and heterophilic interaction via its extracellular domain. Interacts with SCARF1. The heterophilic interaction with SCARF1, which is stronger than the homophilic interaction with itself, is suppressed by the presence of SCARF1 ligand such as Ac-LDL.,tissue specificity: Predominantly expressed in endothelial cells. Expressed in heart, placenta, lung, kidney, spleen, small intestine and ovary.

**Subcellular Location:** focal adhesion,integral component of membrane.

**Expression:** Brain,Epithelium.

