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Product datasheet for TA301489

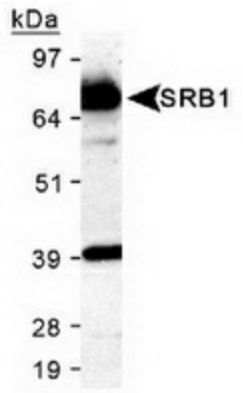
SCARB1 Rabbit Polyclonal Antibody

Product data:

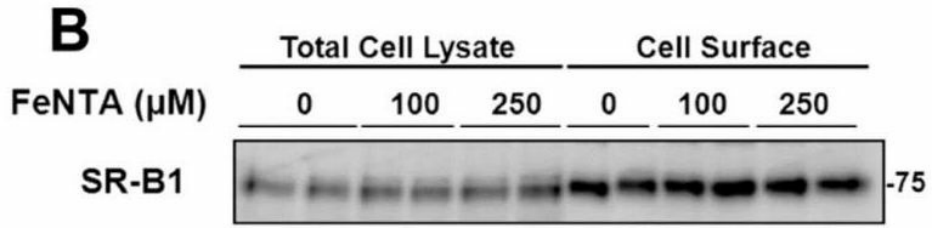
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1: 1000-1:5000
Reactivity:	Human, Mouse, Mink, Hamster, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A C-terminal peptide containing residues from mouse Scavenger Receptor-BI (within residues 450-509).
Formulation:	Tris-citrate/phosphate [pH 7-8] buffer. and 0.1% Sodium Azide
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	scavenger receptor class B member 1
Database Link:	NP_005496 Entrez Gene 20778 MouseEntrez Gene 25073 RatEntrez Gene 949 Human Q8WTV0
Background:	High density lipoproteins (HDLs) play a critical role in cholesterol metabolism and their plasma concentrations are inversely correlated with risk for atherosclerosis. The SR-BI binds HDLs and mediates selective uptake of HDL cholesteryl ester. SR-BI binds HDL with high affinity, is expressed primarily in liver and nonplacental steroidgenic tissues, and mediates selective cholesterol uptake by a distinct mechanism. In mice, it seems that SR-BI plays a key role in determining the levels of plasma lipoprotein cholesterol and the accumulation of cholesterol stores in the adrenal gland.
Synonyms:	CD36L1; CLA-1; CLA1; HDLQTL6; SR-BI; SRB1
Protein Families:	Druggable Genome, Transmembrane

View online »

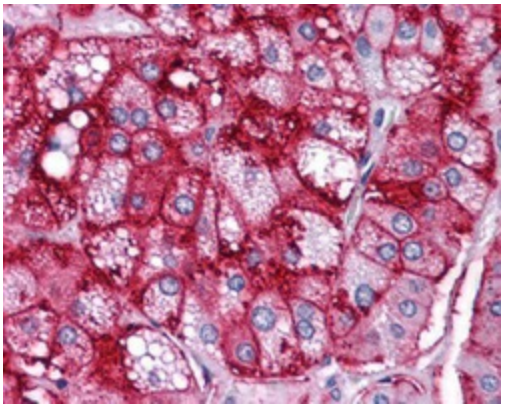
Product images:



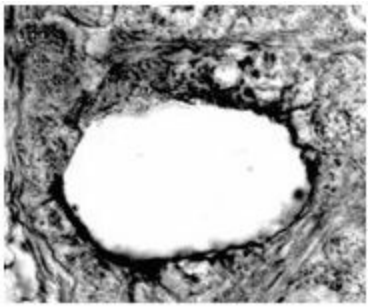
Detection of SR-BI in 25 ug of mouse liver lysate, using anti-SRBI at a 1:1,000 dilution, shows distinct band at 82 kDa.



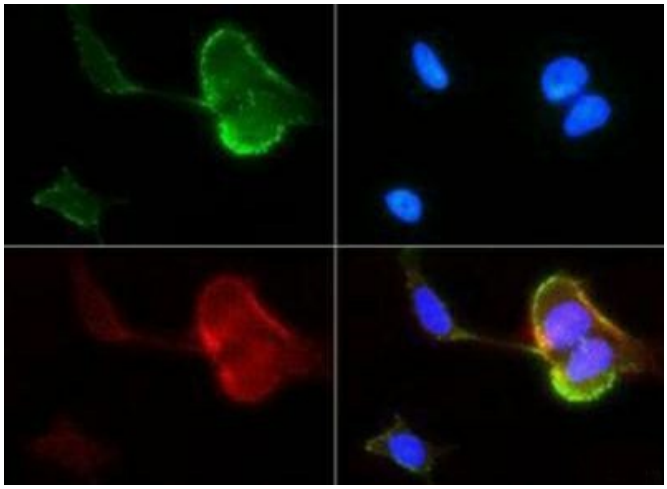
Western Blot: SR-BI Antibody [NB400-104] - Detection of SR-BI in rat H4IIE total cell lysates and plasma membrane proteins.



Staining of adrenal, cortex



Immunohistochemistry: Immunolocalization of SR-BI in adult mink testis using SR-BI Antibody. SR-BI labeling is visible at the surface and along the outline of the large vacuole.



Immunocytochemistry/Immunofluorescence: SRB1 antibody was tested at 1:50 in HeLa cells with FITC (green). Nuclei and actin were counterstained with Dapi (blue) and Phalloidin (red).