

For Research Use Only

SCARF1 Polyclonal antibody

Catalog Number: 28174-1-AP



Basic Information

Catalog Number: 28174-1-AP	GenBank Accession Number: BC039735	Purification Method: Antigen affinity purification
Size: 800 µg/ml	GeneID (NCBI): 8578	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q14162	
Isotype: IgG	Full Name: scavenger receptor class F, member 1	
Immunogen Catalog Number: AG28079	Calculated MW: 830 aa, 87 kDa	
	Observed MW: 90 kDa, 180 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, SMMC-7721 cells
Species Specificity: Human	

Background Information

Scavenger receptor class F member 1 (SCARF1), also known as scavenger receptor expressed by endothelial cells (SREC)-I, belongs to the scavenger receptor (SR) superfamily. SCARF1 has been shown to bind modified low density lipoproteins (LDLs), including acetylated (Ac-) and oxidized (ox-) LDLs (PMID: 29725698; PMID: 15145948). In addition to binding and internalizing a diverse range of endogenous proteins, SCARF1 also binds a wide array of viral, fungal, and bacterial antigens (PMID: 29242513). SCARF1 has a calculated molecular weight of 87 kDa, with a molecular weight of 140-160 kDa due to N-glycosylation (PMID: 22279061; PMID: 15145948). SCARF1 can also exist as a dimer (~ 180 kDa) and a truncated soluble form (~ 60 kDa) (PMID: 29242513; PMID: 29725698).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

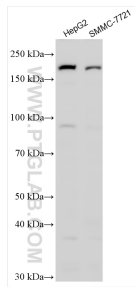
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28174-1-AP (SCARF1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.