

For Research Use Only

SCARF1 Polyclonal antibody

Catalog Number: 13702-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

13702-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4621

GenBank Accession Number:

BC039735

GeneID (NCBI):

8578

UNIPROT ID:

Q14162

Full Name:

scavenger receptor class F, member 1

Calculated MW:

830 aa, 87 kDa

Observed MW:

87 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF, FC

Species Specificity:

human, mouse

Cited Species:

human, rat, mouse

Positive Controls:

WB : mouse lung tissue, unboiled mouse lung tissue

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Xue-Song Xu	33686740	Cell Prolif	WB
Alissa Trzeciak	35983035	Front Immunol	FC
Ramirez-Ortiz Zaida G ZG	23892722	Nat Immunol	IF

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

*** 20ul sizes contain 0.1% BSA

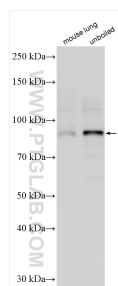
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Boiled mouse lung tissue and unboiled mouse lung tissue were subjected to SDS PAGE followed by western blot with 13702-1-AP (SCARF1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.