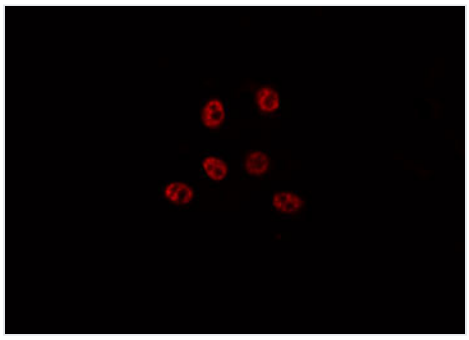
SCAF1 Antibody – Rabbit Polyclonal

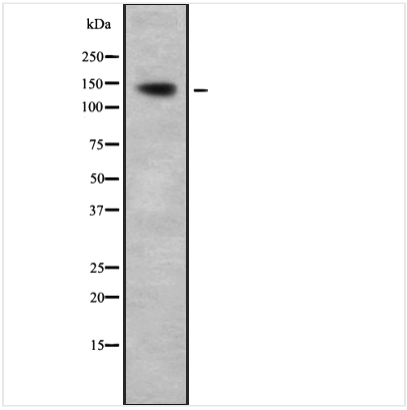
PRODUCT OVERVIEW

Product Name	SCAF1, Polyclonal Antibody
Full Product Name	SCAF1 Antibody
Product Gene Name	anti-SCAF1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Concentration	1mg/ml (lot specific)
Specificity	SCAF1 antibody detects endogenous levels of total SCAF1
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	SCAF1 peptide (MBS9619690) is used for blocking the activity of SCAF1 antibody (MBS9602236)
Molecular Weight	Observed: 139 kDa Predicted: 140 kDa
3D Structure	ModBase 3D Structure for Q9H7N4
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide derived from human SCAF1
Subcellular Location	Nucleus
Tissue Specificity	Ubiquitous. Highly expressed in fetal brain and liver, poorly expressed in salivary gland, heart, skin and ovary. Expressed in colorectal carcinomas and ovarian cancers. Overexpressed in colorectal carcinomas as compared to normal colonic mucosa.
Predicted Cross Reactivity	**Pig, Bovine, Sheep, Dog**
Similarity	Pig (100%), Bovine (100%), Sheep (100%), Dog (100%)
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SCAF1 antibody	Western Blot (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), ELISA (EIA)
Application Notes for anti-SCAF1 antibody	WB: 1:1000 IF/ICC: 1:100-1:500
Related Product Information for anti-SCAF1 antibody	Function: May function in pre-mRNA splicing. Subunit Structure: Interacts with POLR2A. Similarity: Belongs to the splicing factor SR family.

Other Notes	Small volumes of anti-SCAF1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SCAF1 purchase	MBS9602236 is an antibody targeting SCAF1. Also known as SCAF1 Antibody. Reactive in Human, Mouse. Host: Rabbit.



Immunofluorescence (IF) of anti-SCAF1 antibody
MBS9602236 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



Western Blot (WB) of anti-SCAF1 antibody
Western blot analysis SCAF1 using 293 whole cell lysates

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SCAF1. It may not necessarily be applicable to this product.

NCBI GI #	226509740
NCBI GeneID	58506
NCBI Accession #	NP_067051.2
UniProt Primary Accession #	Q9H7N4
UniProt Secondary Accession #	Q7Z5V7; Q8WVA1; Q9NR59
UniProt Related Accession #	Q9H7N4
GenBank Nucleotide #	NM_021228.2
NCBI Official Full Name	splicing factor, arginine/serine-rich 19
NCBI Official Synonym Full Names	SR-related CTD associated factor 1
NCBI Official Symbol	SCAF1
NCBI Official Synonym Symbols	SRA1
UniProt Protein Name	Splicing factor, arginine/serine-rich 19
UniProt Synonym Protein Names	SR-related C-terminal domain-associated factor 1; SR-related and CTD-associated factor 1; SR-related-CTD-associated factor; SCAF; Serine arginine-rich pre-mRNA splicing factor SR-A1; SR-A1
Protein Family	Splicing factor
UniProt Gene Name	SCAF1
UniProt Synonym Gene Names	SFRS19; SRA1; SR-related and CTD-associated factor 1; SCAF; SR-A1
NCBI Protein Information	splicing factor, arginine/serine-rich 19
UniProt Comments for SCAF1	May function in pre-mRNA splicing.
Research Articles on SCAF1	**1.** This is the first study that examines the expression of the novel gene SR-A1 in colon cancer progression.

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