SIMC1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SIMC1, Polyclonal Antibody
Full Product Name	SIMC1 Antibody, Biotin conjugated
Product Gene Name	anti-SIMC1 antibody
Product Synonym Names	SUMO-interacting motif-containing protein 1; SIMC1; C5orf25
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	>95%, Protein G Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: SIMC1 (MBS1494305) Biotin Conjugated Antibody: SIMC1 (MBS1493742)
Molecular Weight	38,363 Da
3D Structure	ModBase 3D Structure for Q8NDZ2
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Biotin
Immunogen	Recombinant human SUMO-interacting motif-containing protein 1 protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-241310 / sc-241311
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SIMC1 antibody	ELISA (EIA)
Related Product Information for anti-SIMC1 antibody	MBS1493742 is an antibody targeting SIMC1. Also known as SIMC1 Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit. SUMO polymer binding
Other Notes	Small volumes of anti-SIMC1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SIMC1. It may not necessarily be applicable to this product.

NCBI GI #	815891034
NCBI GeneID	375484
NCBI Accession #	NP_001295124.1
UniProt Primary Accession #	Q8NDZ2

UniProt Secondary Accession #	Q6NXN8; Q6ZTU4; Q8IZ15; J3KQQ8
UniProt Related Accession #	Q8NDZ2
GenBank Nucleotide #	NM_001308195.1
NCBI Official Full Name	SUMO-interacting motif-containing protein 1 isoform a
NCBI Official Synonym Full Names	SUMO interacting motifs containing 1
NCBI Official Symbol	SIMC1
NCBI Official Synonym Symbols	OOMA1; PLEIAD; C5orf25
UniProt Protein Name	SUMO-interacting motif-containing protein 1
Protein Family	SUMO-interacting motif-containing protein
UniProt Gene Name	SIMC1
UniProt Synonym Gene Names	C5orf25
UniProt Entry Name	SIMC1_HUMAN
NCBI Protein Information	SUMO-interacting motif-containing protein 1
UniProt Comments for SIMC1	SIMC1: 4 isoforms of the human protein are produced by alternative splicing. Protein type: Unknown function Chromosomal Location of Human Ortholog: 5q35.2 Molecular Function: SUMO polymer binding
Research Articles on SIMC1	**1.** Authors found that PLEIAD also interacts with CTBP1 (C-terminal binding protein 1), a transcriptional co-regulator, and CTBP1 is proteolyzed in COS7 cells expressing CAPN3.
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