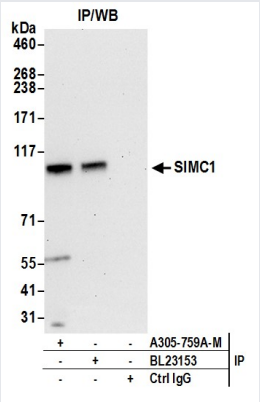
SIMC1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SIMC1, Polyclonal Antibody
Full Product Name	Rabbit anti-SIMC1 Antibody, Affinity Purified
Product Gene Name	anti-SIMC1 antibody
Product Synonym Names	platform element for inhibition of autolytic degradation; SUMO-interacting motif-containing protein 1; PLEIAD; oocyte maturation associated 1; C5orf25; OOMA1; SUMO-interacting motif-containing protein 1; SUMO interacting motifs containing 1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Purity/Purification	Antigen Affinity Purified
Concentration	1000ug/ml (lot specific)
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt
Molecular Weight	96,838 Da
3D Structure	ModBase 3D Structure for Q8NDZ2
Immunogen	Between 25 and 75
Conjugation	Unconjugated
Product Categories/Family for anti-SIMC1 antibody	Primary Antibodies
Applications Tested/Suitable for anti-SIMC1 antibody	Immunoprecipitation (IP)
Application Notes for anti-SIMC1 antibody	IP: 6ug/mg lysate
Related Product Information for anti-SIMC1 antibody	SUMO-interacting motif-containing protein 1 (SIMC1) interacts (via SIM domains) with SUMO1 and SUMO2 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q8NDZ2].
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.
Searchable Terms for SIMC1 purchase	MBS3905863 is an antibody targeting SIMC1. Also known as Rabbit anti-SIMC1 Antibody, Affinity Purified. Reactive in Human. Host: Rabbit.



Immunoprecipitation (IP) of anti-SIMC1 antibody
Detection of human SIMC1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SIMC1 antibody (MBS3905863 lot 1) used for IP at 6 ug per reaction. SIMC1 was also immunoprecipitated by rabbit anti-SIMC1 antibody BL23153. For blotting immunoprecipitated SIMC1, MBS3905863 was used at 0.4 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL DETAILS

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

NCBI GI #	196259796
NCBI GeneID	375484
NCBI Accession #	NP_940969.3
UniProt Primary Accession #	Q8NDZ2
UniProt Secondary Accession #	Q6NXN8; Q6ZTU4; Q8IZ15; J3KQQ8
UniProt Related Accession #	Q8NDZ2
GenBank Nucleotide #	NM_198567.4
NCBI Official Full Name	SUMO-interacting motif-containing protein 1
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; oocyte maturation associated 1; platform element for inhibition of autolytic degradation
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