

Rabbit SAE1 Polyclonal Antibody | anti-SAE1 antibody

SAE1 Antibody

CATALOG # AAA225599	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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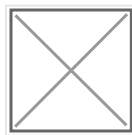
PRODUCT SYNONYMS

SAE1; Polyclonal Antibody; SAE1 Antibody; Affinity Purified Rabbit Polyclonal SAE1 Antibody; Polyclonal SAE1 antibody; Anti-SAE1 antibody; AOS1 antibody; SUA1 antibody; SUMO-activating enzyme subunit 1 antibody; UBLE1A antibody; FLJ3091 antibody; activator of SUMO1 antibody; SAE 1; ubiquitin-like protein SUMO-1 activating enzyme antibody; SAE-1; SAE-1 antibody; HSPC140 antibody; SAE1 antibody; sentrin/SUMO-activating protein AOS1 antibody; SAE 1 antibody; anti-SAE1 antibody

PRODUCT SPECIFICATIONS

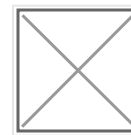
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 20% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.72 mg/ml (varies by lot)
Sequence Length	266
Applicable Applications for anti-SAE1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



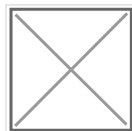
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using SAE1 antibody at 1:200 dilution.



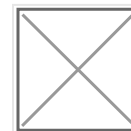
WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: A431; B: H1299) using a 10% SDS PAGE gel and SAE1 antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded A549 Xenograft using SAE1 antibody at a dilution of 1:100



WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 10% SDS PAGE gel and SAE1 antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-SAE1 antibody	Posttranslational modification of proteins by the addition of the small protein SUMO, or sumoylation, regulates protein structure and intracellular localization. SAE1 and UBA2 form a heterodimer that functions as a SUMO-activating enzyme for the sumoylation of proteins.
Product Categories/Family for anti-SAE1 antibody	Protein Modification & Stress Response

NCBI AND UNIPROT INFORMATION

NCBI GI #	225543288
NCBI GeneID	10055
NCBI GenBank Nucleotide #	NP_001139186.1
UniProt Accession #	Q9UBE0
Molecular Weight	38 kDa
NCBI Official Full Name	SUMO-activating enzyme subunit 1 isoform c
NCBI Official Synonym Full Names	SUMO1 activating enzyme subunit 1
NCBI Official Symbol	SAE1
NCBI Official Synonym Symbols	AOS1; SUA1; UBLE1A; HSPC140
NCBI Protein Information	SUMO-activating enzyme subunit 1
UniProt Protein Name	SUMO-activating enzyme subunit 1
UniProt Gene Name	SAE1
UniProt Synonym Gene Names	AOS1; SUA1; UBLE1A
UniProt Entry Name	SAE1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.