

**ARG63368**  
anti-SAE1 / AOS1 antibodyPackage: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes SAE1 / AOS1
Tested Reactivity	Hu
Predict Reactivity	Cow, Dog
Tested Application	FACS, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	SAE1 / AOS1
Species	Human
Immunogen	MKNGIVECLGPK
Conjugation	Un-conjugated
Alternate Names	UBLE1A; SUMO-activating enzyme subunit 1; AOS1; HSPC140; SUA1; Ubiquitin-like 1-activating enzyme E1A

### Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	WB	1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

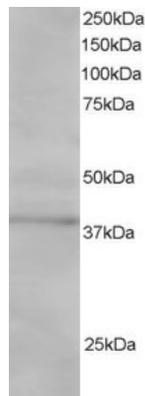
## Bioinformation

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Database links	<a href="#">GeneID: 10055 Human</a> <a href="#">Swiss-port # Q9UBE0 Human</a>
Background	Posttranslational modification of proteins by the addition of the small protein SUMO (see SUMO1; MIM 601912), or sumoylation, regulates protein structure and intracellular localization. SAE1 and UBA2 (MIM 613295) form a heterodimer that functions as a SUMO-activating enzyme for the sumoylation of proteins (Okuma et al., 1999 [PubMed 9920803]).[supplied by OMIM, Mar 2010]
Research Area	Cell Biology and Cellular Response antibody
Calculated Mw	38 kDa

## Images

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ARG63368 anti-SAE1 / AOS1 antibody WB image

Western Blot: Jurkat lysate (RIPA buffer, 30µg total protein per lane) stained with ARG63368 anti-SAE1 / AOS1 antibody at 1 µg/ml dilution.