

Datasheet for ABIN6991336 **anti-SAE1 antibody (C-Term)**



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Overview

Quantity:	0.1 mg
Target:	SAE1
Binding Specificity:	AA 240-290, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SAE1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	SAE1 antibody was raised against a 20 amino acid synthetic peptide near the carboxy terminus of human SAE1. The immunogen is located within amino acids 240 - 290 of SAE1.
Isotype:	IgG
Purification:	SAE1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SAE1
Alternative Name:	SAE1 (SAE1 Products)
Background:	SAE1 Antibody: Small ubiquitin-like modifiers (SUMOs) are a family of small, related proteins (SUMO-1/2/3/4) that can be enzymatically attached to a target protein by a post-translational modification process termed sumoylation, a major regulator of protein function in cellular

Target Details

processes such as nuclear transport, transcriptional regulation, apoptosis and protein stability. This sumoylation is effected by the heterodimeric enzyme SAE1/SAE2 and the SUMO-1-conjugating enzyme Ubch9. The sumoylation pathway mediated by SAE1/SAE2 is distinct from other ubiquitin-like protein (Ubl) pathways.

Molecular Weight: Predicted: 38 kDa
Observed: 39 kDa

Gene ID: 10055

NCBI Accession: [NP_005491](#)

UniProt: [Q9UBE0](#)

Application Details

Application Notes: SAE1 antibody can be used for detection of SAE1 by Western blot at 1 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SAE1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SAE1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.