

Datasheet for ABIN7453521
anti-SAE1 antibody (AA 296-346)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SAE1
Binding Specificity:	AA 296-346
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SAE1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-SAE1 Antibody, Affinity Purified
Immunogen:	between AA 296 and 346
Isotype:	IgG
Predicted Reactivity:	Orangutan
Purification:	Affinity Purified

Target Details

Target:	SAE1
Alternative Name:	SAE1 (SAE1 Products)

Target Details

Background:	Background: Heterodimers of SUMO-activating enzyme subunit 1 (SAE1) and SAE2 act as an E1 ligase for SUMO1, SUMO2, SUMO3, and probably SUMO4. Heterodimers mediate ATP-dependent activation of SUMO proteins followed by formation of a thioester bond between a SUMO protein and a conserved active site cysteine residue on UBA2/SAE2 [taken from the Universal Protein Resource (UniProt) Q9UBE0].
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Gene ID:	10055
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NCBI Accession:	NP_005491
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UniProt:	Q9UBE0
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Application Details

Application Notes:	IHC: 1:1,000 - 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 5 µg/mg lysate WB: Not recommended
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Restrictions:	For Research Use only
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Handling

Concentration:	1000 µg/mL
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Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C
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Expiry Date:	12 months
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