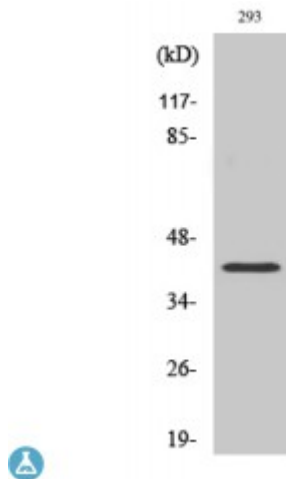


Anti-SAE1 antibody



Description	Rabbit polyclonal to SAE1.
Model	STJ95572
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human SAE1
Immunogen Region	190-270 aa, Internal
Gene ID	10055
Gene Symbol	SAE1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
Specificity	SAE1 Polyclonal Antibody detects endogenous levels of SAE1 protein.
Tissue Specificity	Expression level increases during S phase and drops in G2 phase (at protein level).
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	SUMO-activating enzyme subunit 1 Ubiquitin-like 1-activating enzyme E1A SUMO-activating enzyme subunit 1, N-terminally processed
Molecular Weight	38 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:30660OMIM:613294
Alternative Names	SUMO-activating enzyme subunit 1 Ubiquitin-like 1-activating enzyme E1A SUMO-activating enzyme subunit 1, N-terminally processed
Function	The heterodimer acts as an E1 ligase for SUMO1, SUMO2, SUMO3, and probably SUMO4. It mediates 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.
Cellular Localization	Nucleus

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