

Product Datasheet

SUMO Activating Enzyme E1 (SAE1) Antibody - BSA Free NBP2-44220-0.05mg

Unit Size: 0.05 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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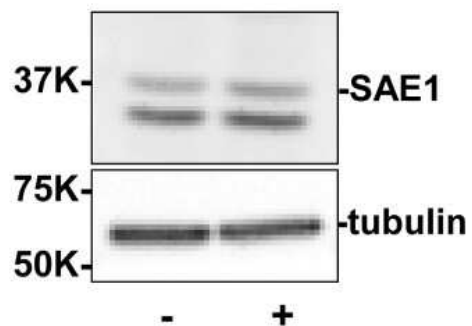


NBP2-44220-0.05mg**SUMO Activating Enzyme E1 (SAE1) Antibody - BSA Free**

Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This purified antibody is directed against human SUMO Activating Enzyme E1 (SAE1) protein. The product was purified from monospecific antiserum by affinity chromatography</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	10055
Gene Symbol	SAE1
Species	Human
Reactivity Notes	A BLAST analysis using the sequence of the immunizing peptide was used to suggest that this antibody would react with SUMO Activating Enzyme E1 protein from human (100%), bovine, dog, chimpanzee (96%), mouse (93%), and rat (92%) based on a high degree of sequence homology. Cross reactivity against this protein from other sources has not been determined.
Immunogen	This purified SUMO Activating Enzyme E1 (SAE1) Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region of human SUMO Activating Enzyme E1 (SAE1) (SAE1) protein. (Uniprot: Q9UBE0)
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 2ug/ml, ELISA 1:5000-1:20000
Application Notes	This purified antibody has been tested for use in ELISA and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band at ~37 kDa in size corresponding to SAE1 protein by western blotting in the appropriate cell lysate or extract.

Images

Western Blot: SUMO Activating Enzyme E1 (SAE1) Antibody [NBP2-44220] - Left lane (-): 20 ug human HeLa whole cell protein. Right lane (+): 20 ug human HeLa whole cell protein from cells pre-treated with phosphatase inhibitor cocktail to prevent dephosphorylation of the target. Proteins were separated on a 10% SDS-PAGE and transferred onto nitrocellulose. After blocking with 5% milk-TBST 1 hr at room temperature, the membrane was probed with SUMO Activating Enzyme E1 (SAE1) Antibody (2 ug/mL) at room temperature for 3 hr followed by washes and reaction with HRP-conjugated secondary and ECL imaging.





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Products Related to NBP2-44220-0.05mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-13273PEP	SUMO Activating Enzyme E1 (SAE1) Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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