.-online.com antibodies

Datasheet for ABIN389081 anti-SAE1 antibody (C-Term)

4 Images



Overview

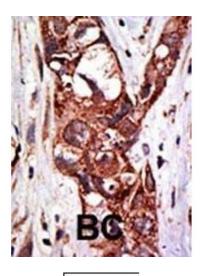
Quantity:	400 µL
Target:	SAE1
Binding Specificity:	AA 300-329, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SAE1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This SAE1 (AOS1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 300-329 amino acids from the C-terminal region of human SAE1 (AOS1).
Clone:	RB2887-RB2888
	la Frantian

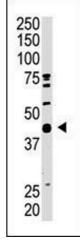
Immunogen:	This SAE1 (AOS1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 300-329 amino acids from the C-terminal region of human SAE1 (AOS1).
Clone:	RB2887-RB2888
Isotype:	Ig Fraction
Predicted Reactivity:	B, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	SAE1

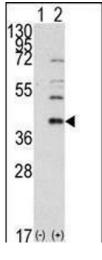
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Target Details		
Alternative Name:	SAE1 (AOS1) (SAE1 Products)	
Background:	The dimeric enzyme AOS1 acts as a an E1 ligase for SUMO1, SUMO2, SUMO3, and probably SUMO4. It mediates ATP-dependent activation of SUMO proteins and formation of a thioester with a conserved cysteine residue on SAE2.	
Molecular Weight:	38450	
Gene ID:	10055	
NCBI Accession:	NP_001139185, NP_001139186, NP_005491	
UniProt:	Q9UBE0	
Application Details		
Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Western Blotting

Image 2. The AOS1 C-term Pab (ABIN389081 and ABIN2839278) is used in Western blot to detect AOS1 in mouse heart tissue lysate.

Western Blotting

Image 3. Western blot analysis of AOS1 (arrow) using rabbit polyclonal AOS1 Antibody (C-term) (ABIN389081 and ABIN2839278). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the AOS1 gene (Lane 2) (Origene Technologies).

Please check the product details page for more images. Overall 4 images are available for ABIN389081.

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