

**SAE1 Rabbit mAb**  
Catalog # AP77990**Specification**

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**SAE1 Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">Q9UBE0</a>
Reactivity	<b>Human, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>38450</b>

**SAE1 Rabbit mAb - Additional Information****Gene ID** 10055**Other Names**  
SAE1**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**SAE1 Rabbit mAb - Protein Information****Name** SAE1**Synonyms** AOS1, SUA1, UBLE1A**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 Location**  
Nucleus.**Tissue Location**

Expression level increases during S phase and drops in G2 phase (at protein level).

**SAE1 Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### SAE1 Rabbit mAb - Images

