

SAE2 / UBA2 Antibody
Rabbit mAb
Catalog # AP91644

Specification

SAE2 / UBA2 Antibody - Product Information

Application	WB, IHC, ICC, IP
Primary Accession	Q9UBT2
Reactivity	Rat
Clonality	Monoclonal
Other Names	
ARX; SAE2; UBA2; UBLE1B;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	71224 Da

SAE2 / UBA2 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human SAE2 / UBA2
Description	The heterodimer acts as a 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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

SAE2 / UBA2 Antibody - Protein Information

Name UBA2

Synonyms SAE2, UBLE1B

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

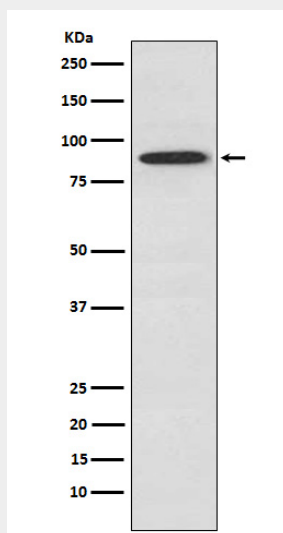
Cytoplasm. Nucleus. Note=Shuttles between the cytoplasm and the nucleus, sumoylation is required either for nuclear translocation or nuclear retention

SAE2 / UBA2 Antibody - 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](#)

SAE2 / UBA2 Antibody - Images



Western blot analysis of SAE2 / UBA2 expression in A549 cell lysate.