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SAE2 / UBA2 Antibody (aa591-640)

Rabbit Polyclonal Antibody
Catalog # ALS15087

Specification

SAE2 / UBA2 Antibody (aa591-640) - Product Information

Application	**WB, IHC**
Primary Accession	Q9UBT2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**71kDa KDa**

SAE2 / UBA2 Antibody (aa591-640) - Additional Information

Gene ID 10054

Other Names
SUMO-activating enzyme subunit 2, 6.3.2.-, Anthracycline-associated resistance ARX, Ubiquitin-like 1-activating enzyme E1B, Ubiquitin-like modifier-activating enzyme 2, UBA2, SAE2, UBLE1B

Target/Specificity
Uba2 Antibody detects endogenous levels of total Uba2 protein.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
SAE2 / UBA2 Antibody (aa591-640) is for research use only and not for use in diagnostic or therapeutic procedures.

SAE2 / UBA2 Antibody (aa591-640) - 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

Volume
50 µl

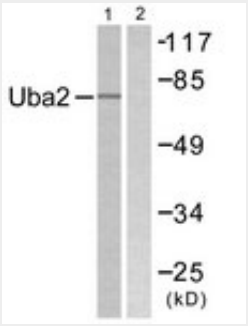
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SAE2 / UBA2 Antibody (aa591-640) - Protocols

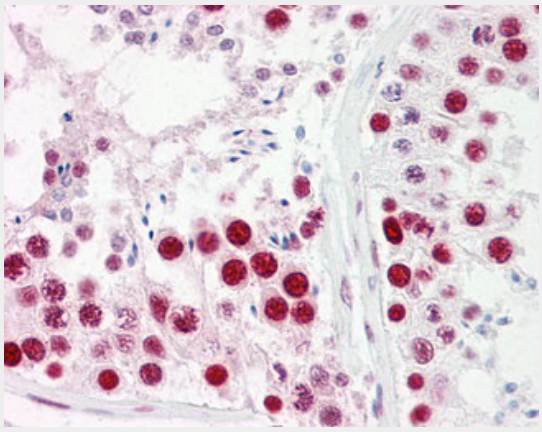
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SAE2 / UBA2 Antibody (aa591-640) - Images



Western blot of extracts from 293 cells, treated with UV 5', using Uba2 Antibody.



Anti-UBA2 antibody IHC of human testis.

SAE2 / UBA2 Antibody (aa591-640) - Background

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.

SAE2 / UBA2 Antibody (aa591-640) - References

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