

# UBA2 Rabbit mAb

Catalog # AP76222

## Product Information

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<b>Application</b>	WB, IHC-P, IP
<b>Primary Accession</b>	<a href="#">Q9UBT2</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	71224

## Additional Information

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<b>Gene ID</b>	10054
<b>Other Names</b>	UBA2
<b>Dilution</b>	WB~~1:500-1:1000 IHC-P~~N/A IP~~1:20-1:50
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	UBA2
<b>Synonyms</b>	SAE2, UBLE1B
<b>Function</b>	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.
<b>Cellular Location</b>	Cytoplasm. Nucleus. Note=Shuttles between the cytoplasm and the nucleus, sumoylation is required either for nuclear translocation or nuclear retention

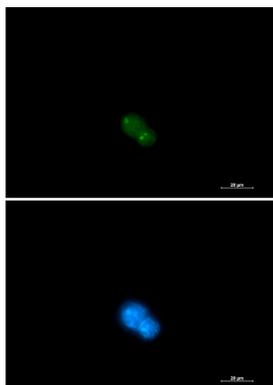
## Background

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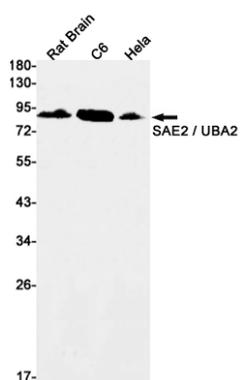
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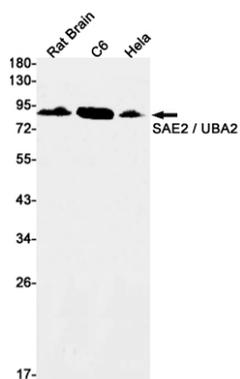
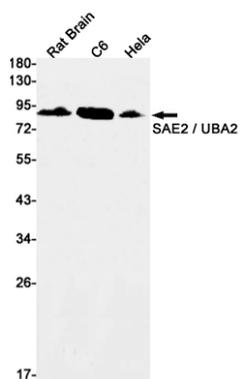
## Images



Immunocytochemistry analysis of UBA2 (green) in 293 using UBA2 antibody, and DAPI (blue).



Western blot analysis of SAE2 / UBA2 in rat Brain, C6, HeLa lysates using SAE2 / UBA2 antibody.



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