

# **UBA2** Rabbit mAb

Catalog # AP76222

#### **Product Information**

Application WB, IP, ICC
Primary Accession Q9UBT2
Reactivity Human, Rat
Host Rabbit

**Clonality** Monoclonal Antibody

Calculated MW 71224

### **Additional Information**

**Gene ID** 10054

Other Names UBA2

**Dilution** WB~~1/500-1/1000 IP~~N/A ICC~~N/A

**Format** 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and

0.05% BSA.

**Storage** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid

freeze/thaw cycles.

## **Protein Information**

Name UBA2

Synonyms SAE2, UBLE1B

**Function** The heterodimer acts as an E1 ligase for SUMO1, SUMO2, SUMO3, and

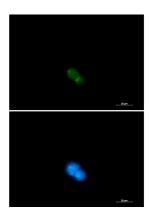
probably SUMO4. It mediates ATP-dependent activation of SUMO proteins followed by formation of a thioester bond between a SUMO protein and a

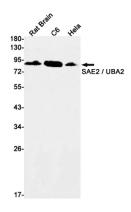
conserved active site cysteine residue on UBA2/SAE2.

**Cellular Location** Cytoplasm. Nucleus. Note=Shuttles between the cytoplasm and the nucleus,

sumoylation is required either for nuclear translocation or nuclear retention

### **Images**





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