

Summary

Production Name	UBA2 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	UBA2
Alternative Names	UBA2; SAE2; UBLE1B; HRIHFB2115; SUMO-activating enzyme subunit 2; Anthracycline-associated resistance ARX; Ubiquitin-like 1-activating enzyme E1B
Gene ID	10054
SwissProt ID	Q9UBT2

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 71 kDa; Observed MW: 90 kDa

Product Name: UBA2 Rabbit Monoclonal Antibody
Catalog #: AMRe02736



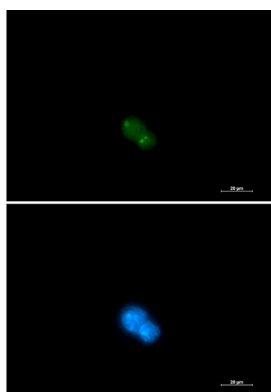
Background

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.

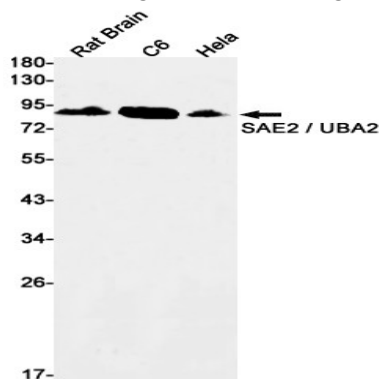
Research Area

Cell Biology

Image Data



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.

Note

For research use only.