

SUMO CONJUGATING ENZYME UBC9 RABBIT MAB

Cat.#: N263595

Product Name: Anti-SUMO Conjugating Enzyme UBC9 Rabbit Monoclonal Antibody

Synonyms: UBE2I; UBC9; UBCE9; SUMO-conjugating enzyme UBC9; SUMO-protein ligase; Ubiquitin carrier protein 9; Ubiquitin carrier protein I; Ubiquitin-conjugating enzyme E2 I; Ubiquitin-protein ligase I; p18

UNIPROT ID: P63279

Background: The process of SUMO-1 conjugation is similar to that seen with ubiquitin and other forms of post-translational protein modification. Like ubiquitin, SUMO-1 is conjugated to its target protein by the coordinated action of ubiquitin conjugation enzymes E1, E2 and E3. Ubc9 (or ube2M) is a highly conserved, 158 amino acid protein that acts as a SUMO-1 conjugating enzyme. Ubc9 binds to target proteins through their SUMO-1-CS (consensus sequence) domains and interacts with SUMO via the structurally conserved amino-terminal domain.

Immunogen: A synthetic peptide of human UBE2I/UBC9

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R01-6I6

MW: Calculated MW: 18 kDa; Observed MW: 18 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

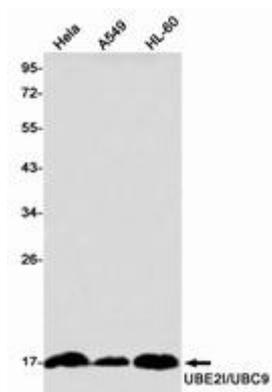
Conjugation: Unconjugated

Modification: Unmodified

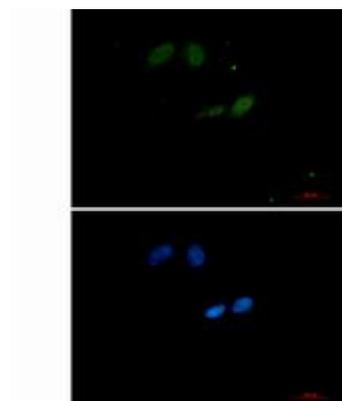
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics, Histone modifications

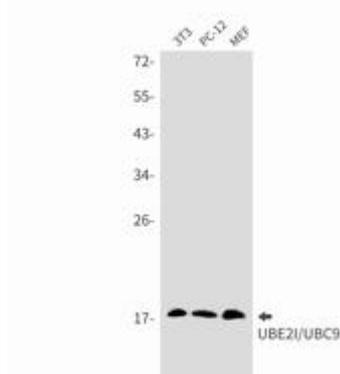
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



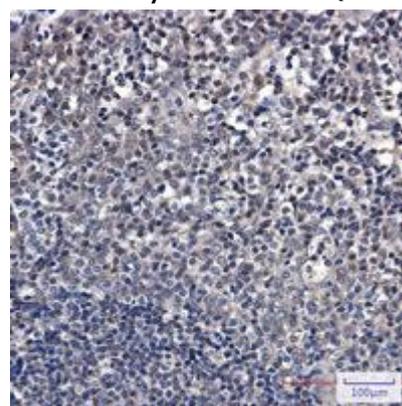
Western blot analysis of UBE21/UBC9 in HeLa, A549, HL-60 lysates using UBE21/UBC9 antibody



Immunocytochemistry analysis of SUMO Conjugating Enzyme UBC9 (green) in HeLa using SUMO Conjugating Enzyme UBC9 antibody, and DAPI (blue).



Western blot analysis of UBE21/UBC9 in 3T3, PC-12, MEF lysates using UBE21/UBC9 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using UBE21/UBC9 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.