

**SUMO Conjugating Enzyme UBC9 Rabbit mAb**  
Catalog # AP76755**Specification****SUMO Conjugating Enzyme UBC9 Rabbit mAb - Product Information**

Application	WB, IHC, IF, IP
Primary Accession	<a href="#">P63279</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	18007

**SUMO Conjugating Enzyme UBC9 Rabbit mAb - Additional Information****Gene ID** 7329**Other Names**

UBE2I

**Dilution**

WB~~1/500-1/1000

IHC~~1/50-1/100

IF~~1/50-1/200

IP~~1/20

**Format**

Liquid

**SUMO Conjugating Enzyme UBC9 Rabbit mAb - Protein Information****Name** UBE2I**Synonyms** UBC9, UBCE9**Function**

Accepts the ubiquitin-like proteins SUMO1, SUMO2, SUMO3, SUMO4 and SUMO1P1/SUMO5 from the UBLE1A-UBLE1B E1 complex and catalyzes their covalent attachment to other proteins with the help of an E3 ligase such as RANBP2, CBX4 and ZNF451. Can catalyze the formation of poly-SUMO chains. Necessary for sumoylation of FOXL2 and KAT5. Essential for nuclear architecture and chromosome segregation. Sumoylates p53/TP53 at 'Lys-386'. Mediates sumoylation of ERCC6 which is essential for its transcription-coupled nucleotide excision repair activity (PubMed:<a href="http://www.uniprot.org/citations/26620705" target="\_blank">26620705</a>).

**Cellular Location**

Nucleus. Cytoplasm Cytoplasm, perinuclear region Note=Mainly nuclear (By similarity). In spermatocytes, localizes in synaptonemal complexes (PubMed:8610150). Recruited by BCL11A into the nuclear body (By similarity). {ECO:0000250|UniProtKB:P63280,

ECO:0000269|PubMed:8610150}

### Tissue Location

Expressed in heart, skeletal muscle, pancreas, kidney, liver, lung, placenta and brain. Also expressed in testis and thymus.

### SUMO Conjugating Enzyme UBC9 Rabbit mAb - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### SUMO Conjugating Enzyme UBC9 Rabbit mAb - Images



