

SUMO Conjugating Enzyme UBC9 Rabbit mAb
Catalog # AP76755**Specification**

SUMO Conjugating Enzyme UBC9 Rabbit mAb - Product Information

Application	WB, IHC-P, IHC-F, IP, ICC
Primary Accession	P63279
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-P~~N/A
IHC-F~~N/A
IP~~1/20
ICC~~N/A**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:26620705).

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



