UBE2I Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	UBE2I, Polyclonal Antibody
Full Product Name	UBE2I Polyclonal Antibody
Product Gene Name	anti-UBE2I antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	18kDa
OMIM	601661
3D Structure	ModBase 3D Structure for P63279
Immunogen	Recombinant protein of human UBE2I (NP_003336.1).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-UBE2I antibody	Western Blot (WB), Immunofluorescence (IF)
Application Notes for anti-UBE2I antibody	WB: 1:500-1:2000 IF: 1:50-1:200
Related Product Information for anti-UBE2I antibody	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. Four alternatively spliced transcript variants encoding the same protein have been found for this gene.
Other Notes	Small volumes of anti-UBE2I antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for UBE2I purchase	MBS8568279 is an antibody targeting UBE2I. Also known as UBE2I Polyclonal Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UBE2I. It may not necessarily be applicable to this product.

NCBI GI #	4507785
NCBI GeneID	7329
NCBI Accession #	NP_003336.1
UniProt Primary Accession #	P63279

UniProt Related Accession #	P63279
GenBank Nucleotide #	NP_003336.1
NCBI Official Full Name	SUMO-conjugating enzyme UBC9
NCBI Official Synonym Full Names	ubiquitin conjugating enzyme E2 I
NCBI Official Symbol	UBE2I
NCBI Official Synonym Symbols	P18; UBC9; C358B7.1
UniProt Protein Name	SUMO-conjugating enzyme UBC9
UniProt Synonym Protein Names	SUMO-protein ligase; Ubiquitin carrier protein 9; Ubiquitin carrier protein I; Ubiquitin-conjugating enzyme E2 I; Ubiquitin-protein ligase I; p18
UniProt Gene Name	UBE2I
UniProt Synonym Gene Names	UBC9; UBCE9
UniProt Entry Name	UBC9_HUMAN
NCBI Protein Information	SUMO-conjugating enzyme UBC9
Research Articles on UBE2I	**1.** It demonstrates the enzyme/substrate nature of Ubc9/CRMP2 binding and identify hot spots on CRMP2 that may form the basis of future drug discovery campaigns disrupting the CRMP2-Ubc9 interaction to recapitulate allosteric regulation of NaV1.7 for pain relief.
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