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UBE2J1 Rabbit pAb

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Catalog # AP58980

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9Y385
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Zebrafish, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35199
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human UBC6e/UBE2J1
Epitope Specificity	131-230/318
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Endoplasmic reticulum membrane; Single-pass type IV membrane protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Catalyzes the covalent attachment of ubiquitin to other proteins. Seems to function in the selective degradation of misfolded membrane proteins from the endoplasmic reticulum.

Additional Information

Gene ID	51465
Other Names	Ubiquitin-conjugating enzyme E2 J1, 2.3.2.23, E2 ubiquitin-conjugating enzyme J1, Non-canonical ubiquitin-conjugating enzyme 1, NCUBE-1, Yeast ubiquitin-conjugating enzyme UBC6 homolog E, HsUBC6e, UBE2J1 (HGNC:17598), NCUBE1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	UBE2J1 (HGNC:17598)

Synonyms	NCUBE1
Function	Catalyzes the covalent attachment of ubiquitin to other proteins. Functions in the selective degradation of misfolded membrane proteins from the endoplasmic reticulum (ERAD) and is essential for cells to recover from ER stress (PubMed:28321712). Plays a role in MAPKAPK2-dependent translational control of TNF synthesis (PubMed:24020373). Also acts as a platform for perinuclear positioning of the endosomal system by mediating ubiquitination of SQSTM1 through interaction with the E3 ubiquitin-protein ligase RNF26 (PubMed:33472082). Plays a role in male fecundity through the interaction with the E3 ubiquitin-protein ligase RNF133 (PubMed:35831855).
Cellular Location	Endoplasmic reticulum membrane; Single-pass type IV membrane protein
Tissue Location	Expressed in testes..

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.