

UBE2J1 Rabbit pAb

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Catalog # AP58980

Product Information

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| Application | WB, IHC-P, IHC-F, IF, E |
| Primary Accession | Q9Y385 |
| Predicted | Human, Mouse, Rat, Dog, Pig, Horse, Rabbit, Zebrafish, 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. |
| SIMILARITY | Belongs to the ubiquitin-conjugating enzyme family. |
| 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

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| 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

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| Name | UBE2J1 (HGNC:17598) |
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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

Catalyzes the covalent attachment of ubiquitin to other proteins. Seems to function in the selective degradation of misfolded membrane proteins from the endoplasmic reticulum.

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