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UBE2E3 Rabbit pAb

Catalog # AP99266

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q969T4
Other Accession	Q969T4
Predicted	Rat, Pig, Human, Mouse, Chicken, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22913
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human UBE2E3
Epitope Specificity	110-207/207
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the ubiquitin-conjugating enzyme family.
SUBUNIT	The ubiquitin-loaded form interacts specifically with importin-11 (IPO11), leading to its import into the nucleus (By similarity). Interacts with NEDD4L.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'- and 'Lys-48'-, as well as 'Lys-63'-linked polyubiquitination. Participates in the regulation of transepithelial sodium transport in renal cells. May be involved in cell growth arrest.

Additional Information

Gene ID	10477
Other Names	UBCH9; UbcM2; Ubce4; UB2E3_HUMAN; UBE2E3; E2 ubiquitin-conjugating enzyme E3; Ubiquitin carrier protein E3; Ubiquitin-conjugating enzyme E2-23 kDa; Ubiquitin-protein ligase E3; 2.3.2.23; UB2E3_MOUSE; ubiquitin conjugating enzyme E2 E3; ubiquitin-conjugating enzyme E2E 3 (homologous to yeast UBC4/5); ubiquitin-conjugating enzyme E2E 3 (UBC4/5 homolog, yeast); ubiquitin-conjugating enzyme E2E 3
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	UBE2E3 (HGNC:12479)
Synonyms	UBCE4, UBCH9
Function	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'- and 'Lys-48'-, as well as 'Lys-63'-linked polyubiquitination. Participates in the regulation of transepithelial sodium transport in renal cells.
Cellular Location	Nucleus. Cytoplasm. Note=Shuttles between the nucleus and cytoplasm in a IPO11-dependent manner
Tissue Location	Ubiquitously expressed at low levels. Highly expressed in skeletal muscle.

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