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HECTD3 Rabbit pAb

Catalog # AP98243

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q5T447
Other Accession	Q5T447
Predicted	Rat, Pig, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97113
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HECTD3
Epitope Specificity	301-400/961
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 DOC domain.Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain.
SUBUNIT	Interacts with TRIOBP. Interacts with STX8 (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	E3 ubiquitin ligases accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Mediates ubiquitination of TRIOBP and its subsequent proteasomal degradation, thus faciliting cell cycle progression by regulating the turn-over of TRIOBP. Mediates also ubiquitination of STX8 (By similarity).

Additional Information

Gene ID	79654
Other Names	HECD3_HUMAN; HECTD3; HECT domain-containing protein 3; HECT-type E3 ubiquitin transferase HECTD3; 2.3.2.26; HECT domain E3 ubiquitin protein ligase 3; HECT domain containing E3 ubiquitin protein ligase 3
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=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	HECTD3
Function	E3 ubiquitin ligases accepts ubiquitin from an E2 ubiquitin- conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Mediates ubiquitination of TRIOBP and its subsequent proteasomal degradation, thus facilitating cell cycle progression by regulating the turn-over of TRIOBP. Mediates also ubiquitination of STX8 (By similarity).
Cellular Location	Cytoplasm, perinuclear region.

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