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HECTD3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17451b

Product Information

Application	WB, E
Primary Accession	Q5T447
Other Accession	NP_078878.3
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37186
Calculated MW	97113
Antigen Region	740-769

Additional Information

Gene ID	79654
Other Names	E3 ubiquitin-protein ligase HECTD3, 632-, HECT domain-containing protein 3, HECTD3
Target/Specificity	This HECTD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 740-769 amino acids from the C-terminal region of human HECTD3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HECTD3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

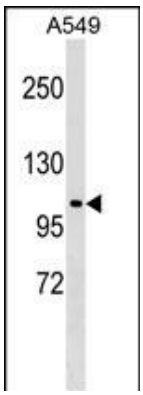
Background

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).

References

Yu, J., et al. Biochem. Biophys. Res. Commun. 367(4):805-812(2008)
Gevaert, K., et al. Nat. Biotechnol. 21(5):566-569(2003)

Images



HECTD3 Antibody (C-term) (Cat. #AP17451b) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the HECTD3 antibody detected the HECTD3 protein (arrow).

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