

#### HECTD3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP17451b

#### Specification

## HECTD3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	<u>Q5T447</u>
Other Accession	<u>NP_078878.3</u>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	97113
Antigen Region	740-769

### HECTD3 Antibody (C-term) - 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

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.

### HECTD3 Antibody (C-term) - 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

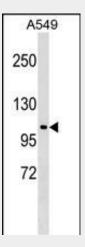
Cytoplasm, perinuclear region.

# HECTD3 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

### HECTD3 Antibody (C-term) - 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).

### HECTD3 Antibody (C-term) - 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).

### HECTD3 Antibody (C-term) - 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)