

Datasheet for ABIN6719595 **anti-HECTD3 antibody**

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Overview

Quantity:	100 µg
Target:	HECTD3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HECTD3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC), Flow Cytometry (FACS), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-HECTD3 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human HECTD3, identical to the related mouse and rat sequences.
Sequence:	HYSAKVCEE KLRYAAYNCV AIDTDMSPWE E
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-HECTD3 Antibody Picoband® (ABIN6719595). Tested in Flow Cytometry, IHC, IHC-F, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: HECTD3

Alternative Name: HECTD3 ([HECTD3 Products](#))

Background: Synonyms: E3 ubiquitin-protein ligase HECTD3, HECT domain-containing protein 3, HECT-type E3 ubiquitin transferase HECTD3, HECTD3
Tissue Specificity: Expressed in adult pancreas, small intestine, stomach, spinal cord and testis. Less pronounced expression in prostate, colon mucosal lining, and ovary.
Background: The protein encoded by this gene transfers ubiquitin from an E2 ubiquitin-conjugating enzyme to targeted substrates, leading to the degradation of those substrates. This gene is mapped to 1p34.1. The encoded protein has been shown to transfer ubiquitin to TRIOBP to facilitate cell cycle progression, and to STX8.

Molecular Weight: 97 kDa

Gene ID: 79654

UniProt: [Q5T447](#)

Application Details

Application Notes: Western blot, 0.25-0.5 µg/mL, Mouse, Rat
ELISA, 0.1-0.5 µg/mL, Human
1. Yu J., Lan J., Zhu Y., Li X., Lai X., Xue Y., Jin C., Huang H. The E3 ubiquitin ligase HECTD3 regulates ubiquitination and degradation of Tara. Biochem. Biophys. Res. Commun. 367:805-812(2008)

Comment: Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg NaN ₃ .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.