


Product datasheet

Anti-HECTD1 antibody ab101992

[6 References](#) [2 Images](#)

Overview

Product name	Anti-HECTD1 antibody
Description	Rabbit polyclonal to HECTD1
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Dog, Turkey, Pig, Chimpanzee, Zebrafish, Rhesus monkey, Gorilla, Orangutan, Xenopus tropicalis 
Immunogen	Synthetic peptide, corresponding to N terminal amino acids 1-50 of Human HECTD1 (AAP13073.1).
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab101992 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 290 kDa.
IP		Use at 2-5 µg/mg of lysate.

Target

Function

Probable E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. May be required for development of the head mesenchyme and neural tube closure.

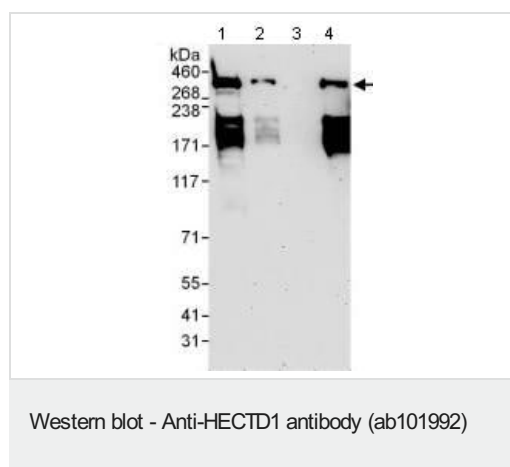
Pathway

Protein modification; protein ubiquitination.

Sequence similarities

Belongs to the UPL family. K-HECT subfamily.
Contains 4 ANK repeats.
Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain.
Contains 1 MIB/HERC2 domain.

Images



All lanes : Anti-HECTD1 antibody (ab101992) at 0.1 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

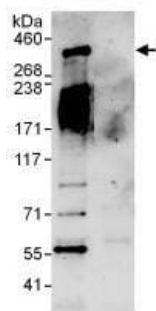
Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : 293T whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 290 kDa

Exposure time: 3 minutes



Immunoprecipitation - Anti-HECTD1 antibody
(ab101992)

ab101992 at 1 $\mu\text{g/ml}$ staining HECTD1 in HeLa cell lysate immunoprecipitated using ab101992 at 3 $\mu\text{g/mg}$ lysate (1 mg/IP; 20% of IP loaded/lane). Detection: Chemiluminescence with exposure time of 3 minutes

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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