

HERC3 Antibody(N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19543a**Specification**

HERC3 Antibody(N-term) - Product Information

Application	WB,E
Primary Accession	Q15034
Other Accession	NP_055421.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	117188
Antigen Region	51-77

HERC3 Antibody(N-term) - Additional Information**Gene ID** 8916**Other Names**

Probable E3 ubiquitin-protein ligase HERC3, 632-, HECT domain and RCC1-like domain-containing protein 3, HERC3, KIAA0032

Target/Specificity

This HERC3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 51-77 amino acids from the N-terminal region of human HERC3.

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

HERC3 Antibody(N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HERC3 Antibody(N-term) - Protein Information**Name** HERC3

Synonyms KIAA0032

Function 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.

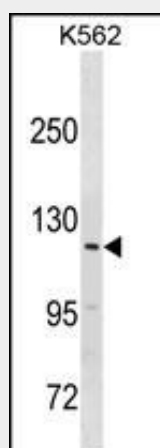
Cellular Location

Cytoplasm. Cytoplasmic vesicle. Note=Also found in vesicular-like structures

HERC3 Antibody(N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HERC3 Antibody(N-term) - Images

HERC3 Antibody (N-term) (Cat. #AP19543a) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the HERC3 antibody detected the HERC3 protein (arrow).

HERC3 Antibody(N-term) - Background

HERC3 belongs to the HERC family of ubiquitin ligases, all of which contain a HECT domain and at least 1 RCC1 (MIM 179710)-like domain (RLD). The 350-amino acid HECT domain is predicted to catalyze the formation of a thioester with ubiquitin before transferring it to a substrate, and the RLD is predicted to act as a guanine nucleotide exchange factor for small G proteins (Hochrainer et al., 2005 [PubMed 15676274]).

HERC3 Antibody(N-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Hochrainer, K., et al. Genomics 85(2):153-164(2005)

Cruz, C., et al. FEBS Lett. 488 (1-2), 74-80 (2001) :

Cruz, C., et al. Cytogenet. Cell Genet. 87 (3-4), 263-264 (1999) :