

HERC3 Antibody(N-term) Blocking peptide
Synthetic peptide
Catalog # BP19543a**Specification**

HERC3 Antibody(N-term) Blocking peptide - Product InformationPrimary Accession [Q15034](#)**HERC3 Antibody(N-term) Blocking peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HERC3 Antibody(N-term) Blocking peptide - 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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

HERC3 Antibody(N-term) Blocking peptide - Images

HERC3 Antibody(N-term) Blocking peptide - Background

HERC3 belongs to the HERC family of ubiquitin ligases, all of which contain a HECT domain and at least 1 RCC1 (MIM179710)-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) Blocking peptide - 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) :