

HERC4 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21313c**Specification**

HERC4 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q5GLZ8
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	118563

HERC4 Antibody (Center) - Additional Information**Gene ID** 26091**Other Names**

Probable E3 ubiquitin-protein ligase HERC4, 632-, HECT domain and RCC1-like domain-containing protein 4, HERC4, KIAA1593

Target/Specificity

This HERC4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 445-479 amino acids from the Central region of human HERC4.

Dilution

WB~~1:2000

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

HERC4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

HERC4 Antibody (Center) - Protein Information**Name** HERC4**Synonyms** KIAA1593

Function Probable E3 ubiquitin-protein ligase involved in either protein trafficking or in the distribution of cellular structures. Required for spermatozoon maturation and fertility, and for the removal of the cytoplasmic droplet of the spermatozoon. E3 ubiquitin-protein ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer it to targeted substrates.

Cellular Location

Cytoplasm, cytosol. Note=shows a punctate cytoplasmic distribution

Tissue Location

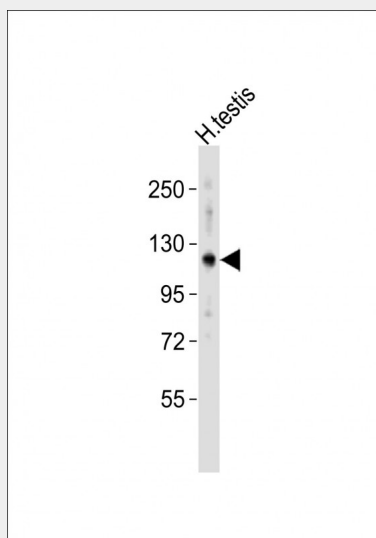
Expressed in brain and testis and detected in heart and placenta.

HERC4 Antibody (Center) - 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](#)

HERC4 Antibody (Center) - Images



Anti-HERC4 Antibody (Center) at 1:2000 dilution + human testis lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 119 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

HERC4 Antibody (Center) - Background

Probable E3 ubiquitin-protein ligase involved in either protein trafficking or in the distribution of cellular structures. Required for spermatozoon maturation and fertility, and for the removal of the cytoplasmic droplet of the spermatozoon. E3 ubiquitin-protein ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer it to targeted

substrates (By similarity).

HERC4 Antibody (Center) - References

Hochrainer K.,et al.Genomics 85:153-164(2005).

Nagase T.,et al.DNA Res. 7:273-281(2000).

Deloukas P.,et al.Nature 429:375-381(2004).

Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).