

HERC4 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12254**Specification**

HERC4 antibody - middle region - Product Information

Application	WB
Primary Accession	Q5GLZ8
Other Accession	NM_022079 , NP_071362
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	118kDa KDa

HERC4 antibody - middle region - Additional Information**Gene ID** 26091**Alias Symbol** **DKFZP564G092, KIAA1593****Other Names**

Probable E3 ubiquitin-protein ligase HERC4, 6.3.2.-, HECT domain and RCC1-like domain-containing protein 4, HERC4, KIAA1593

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-HERC4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

HERC4 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

HERC4 antibody - middle region - 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

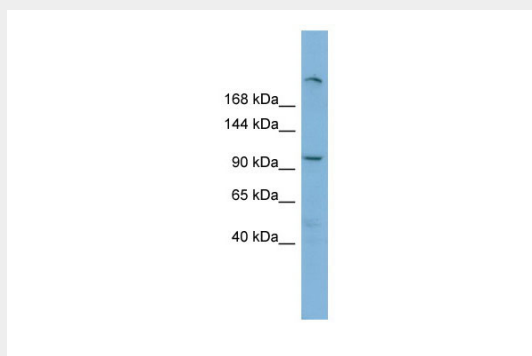
Tissue Location

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

HERC4 antibody - middle region - 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 - middle region - Images

WB Suggested Anti-HERC4 Antibody Titration: 0.2-1 µg/ml

Positive Control: ACHN cell lysate

HERC4 antibody - middle region - References

Hochrainer, K., (2005) Genomics 85(2), 153-164 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.