

## Product datasheet for **TA330458**

### HERC4 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HERC4 antibody: synthetic peptide directed towards the middle region of human HERC4. Synthetic peptide located within the following region: LVIQSTGGGEEYLPVSHTCFNLLDLPKYTEKETLRSKLIQAIDHNEGFSL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	118 kDa
Gene Name:	HECT and RLD domain containing E3 ubiquitin protein ligase 4
Database Link:	<a href="#">NP_071362</a> <a href="#">Entrez Gene 26091 Human</a> <a href="#">Q5GLZ8</a>



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**Background:**

HERC4 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]). [supplied by OMIM, Mar 2008].  
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). ##Evidence-Data-START## Transcript exon combination :: AY221963.1 [ECO:0000332] RNAseq introns :: mixed/partial sample support ERS025081, ERS025082 [ECO:0000350] ##Evidence-Data-END## COMPLETENESS: complete on the 3' end.

**Synonyms:**

DKFZp564G092; KIAA1593

**Note:**

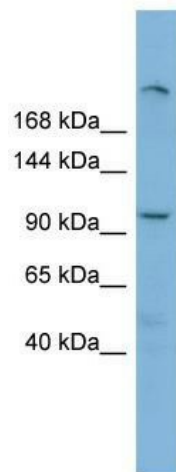
Immunogen sequence homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Rabbit: 100%; Guinea pig: 100%; Rat: 93%; Mouse: 93%; Bovine: 93%; Yeast: 83%

**Protein Families:**

Druggable Genome

**Protein Pathways:**

Ubiquitin mediated proteolysis

**Product images:**

WB Suggested Anti-HERC4 Antibody Titration: 0.2-1 ug/ml; Positive Control: ACHN cell lysate