SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-HERC3 antibody

Catalog Number: SL15461R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	HERC3
Immunogen:	KLH conjugated synthetic peptide derived from human HERC3: 401-500/1050
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human)
Predicted MW.:	117kDa
Subcellular Location:	cytoplasmic
Background:	HERC3 is a member the HERC ubiquitin ligase family. The encoded protein is located in the cytosol and binds ubiquitin via a HECT domain. Mutations in this gene have been associated with colorectal and gastric carcinomas. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. **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 (By similarity). **Subcellular Location:** Cytoplasm. Cytoplasmic vesicle. Note=Also found in vesicular-like structures.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Post-translational modifications: Ubiquitinated; which promotes degradation by the proteasome. **Similarity:** Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain. Contains 7 RCC1 repeats. **Database links:** **Entrez Gene:** 8916 Human **Entrez Gene:** 73998 Mouse **Entrez Gene:** 362377 Rat Omim: 605200 Human **SwissProt:** Q15034 Human **Unigene:** 35804 Human **Unigene:** 191892 Mouse **Unigene:** 203362 Rat

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