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HERC3 Rabbit pAb

Catalog # AP98197

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q15034
Other Accession	Q15034
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	117188
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HERC3
Epitope Specificity	401-500/1050
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain.Contains 7 RCC1 repeats.
Post-translational modifications	Ubiquitinated; which promotes degradation by the proteasome.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	8916
Other Names	HERC3_HUMAN; HERC3; HECT domain and RCC1-like domain-containing protein 3; HECT-type E3 ubiquitin transferase HERC3; 2.3.2.26; KIAA0032; HECT and RLD domain containing E3 ubiquitin protein ligase 3; hect domain and RLD 3
Dilution	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
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.