

For Research Use Only

HERC4 Polyclonal antibody

Catalog Number: 13691-1-AP

2 Publications



Basic Information

Catalog Number:

13691-1-AP

Concentration:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4566

GenBank Accession Number:

BC039600

GeneID (NCBI):

26091

UNIPROT ID:

Q5GLZ8

Full Name:

hect domain and RLD 4

Calculated MW:

1049 aa, 118 kDa

Observed MW:

107 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : HeLa cells, human brain tissue, human placenta tissue, human testis tissue, mouse testis tissue, rat testis tissue

IP : HeLa cells,

IF/ICC : HeLa cells,

Background Information

HERC4, also known as HECT and RLD domain containing E3 ubiquitin protein ligase 4, is a protein encoded by the HERC4 gene in humans. HERC4 is a novel member of HERC family. The mRNA of HERC4 has been found in all examined tissues, with its levels being significantly higher in the brain and testis than in the placenta and heart. (PMID: 28430527)

Notable Publications

Author	Pubmed ID	Journal	Application
Pinxiu Huang	35244538	Elife	WB,IHC,IF,IP
Tao Sun	39611657	Cancer Biother Radiopharm	WB,CoIP

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

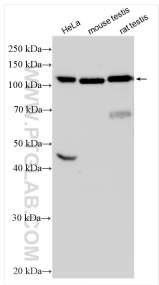
T: 4006900926

E: Proteintech-CN@ptglab.com

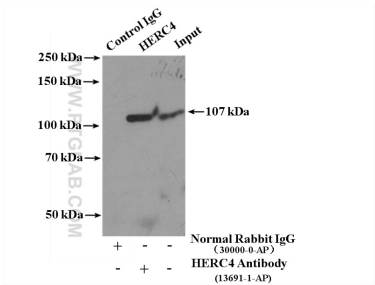
W: ptgcn.com

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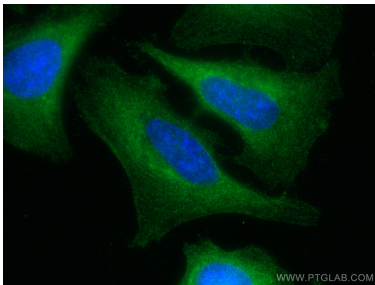
Selected Validation Data



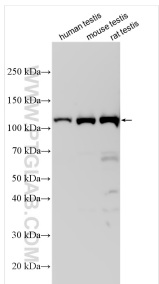
Various lysates were subjected to SDS PAGE followed by western blot with 13691-1-AP (HERC4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-HERC4 (IP:13691-1-AP, 4ug; Detection:13691-1-AP 1:800) with HeLa cells lysate 2000ug.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using HERC4 antibody (13691-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 13691-1-AP (HERC4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.