

For Research Use Only

# HERC4 Polyclonal antibody

Catalog Number: 13691-1-AP **1 Publications**



## Basic Information

**Catalog Number:**  
13691-1-AP

**Size:**  
150ul, Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG4566

**GenBank Accession Number:**  
BC039600

**GeneID (NCBI):**  
26091

**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 IP and 1:500-1:1000 for WB  
IF 1:200-1:800

## Applications

**Tested Applications:**

IF, IP, WB, ELISA

**Cited Applications:**

IF, IHC, IP, WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human

**Positive Controls:**

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

**IP:** HeLa cells,

**IF:** HeLa cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Pinxiu Huang	35244538	Elife	WB,IHC,IF,IP

## 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

**\*\*\* 20ul sizes contain 0.1% BSA**

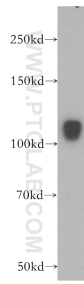
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

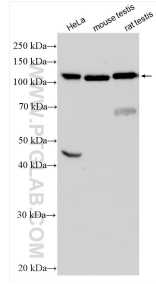
E: proteintech@ptglab.com  
W: ptglab.com

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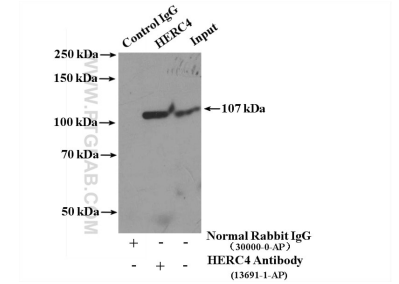
## Selected Validation Data



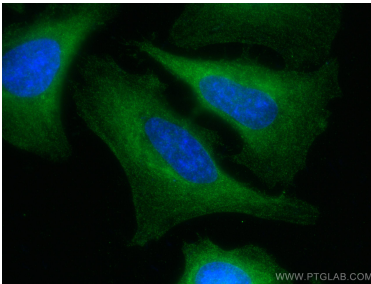
human brain tissue were subjected to SDS PAGE followed by western blot with 13691-1-AP (HERC4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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).