

# [KO Validated] HERC4 Rabbit pAb

Catalog No.: A18049 **KO** Validated

## Basic Information

### Observed MW

118kDa

### Calculated MW

119kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## 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]).

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

26091

### Swiss Prot

Q5GLZ8

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 400-700 of human HERC4 (NP\_056416.2).

### Synonyms

HERC4; C4

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

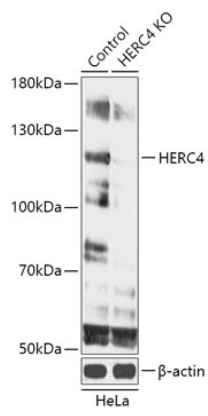
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

# Validation Data



Western blot analysis of lysates from wild type (WT) and HERC4 knockout (KO) HeLa cells, using [KO Validated] HERC4 Rabbit pAb (A18049) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1min.