

# EED Rabbit pAb

Catalog No.: A5371 **2 Publications**

## Basic Information

### Observed MW

50-70kDa

### Calculated MW

50kDa

### Category

Primary antibody

### Applications

ELISA, WB, IP, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein interacts with enhancer of zeste 2, the cytoplasmic tail of integrin beta7, immunodeficiency virus type 1 (HIV-1) MA protein, and histone deacetylase proteins. This protein mediates repression of gene activity through histone deacetylation, and may act as a specific regulator of integrin function. Two transcript variants encoding distinct isoforms have been identified for this gene.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

**IF/ICC** 1:50 - 1:200

## Immunogen Information

### Gene ID

8726

### Swiss Prot

O75530

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-400 of human EED (NP\_694536.1).

### Synonyms

HEED; COGIS; WAIT1; EED

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

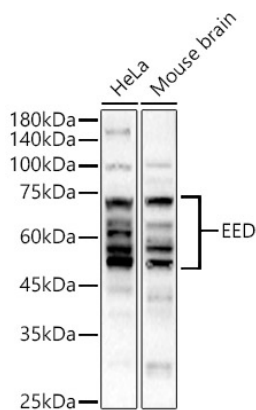
Affinity purification

### Storage

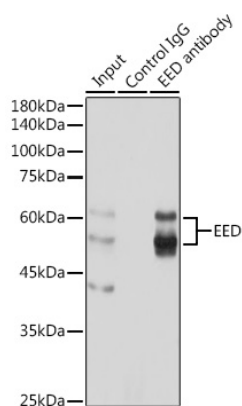
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

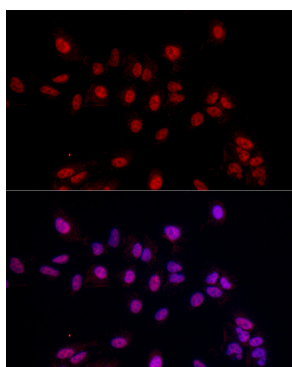
## Validation Data



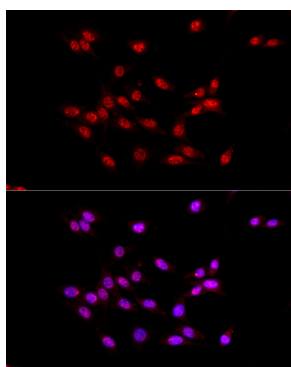
Western blot analysis of various lysates, using EED Rabbit pAb (A5371) at 1:500 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.



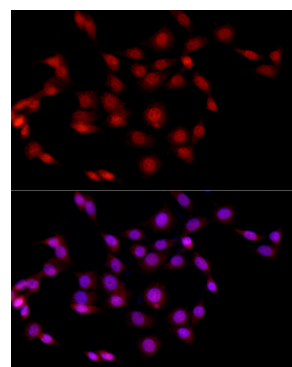
Immunoprecipitation analysis of 300  $\mu$ g extracts of HeLa cells using 3  $\mu$ g EED antibody (A5371). Western blot was performed from the immunoprecipitate using EED antibody (A5371) at a dilution of 1:1000.



Immunofluorescence analysis of A-549 cells using EED Rabbit pAb (A5371) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using EED Rabbit pAb (A5371) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using EED Rabbit pAb (A5371) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.