

# CDK5RAP1 Rabbit pAb

Catalog No.: A15844

## Basic Information

### Observed MW

68kDa

### Calculated MW

68kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a regulator of cyclin-dependent kinase 5 activity. This protein has also been reported to modify RNA by adding a methylthio-group and may thus have a dual function as an RNA methylthiotransferase and as an inhibitor of cyclin-dependent kinase 5 activity. Alternative splicing results in multiple transcript variants that encode different isoforms.

## Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:100

## Immunogen Information

### Gene ID

51654

### Swiss Prot

Q96SZ6

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-350 of human CDK5RAP1 (NP\_057492.2).

### Synonyms

C42; CGI-05; HSPC167; C20orf34; CDK5RAP1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

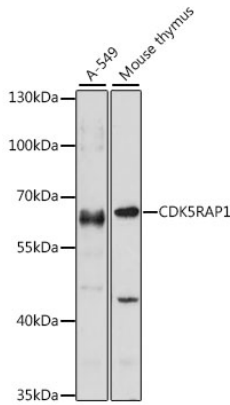
Affinity purification

### Storage

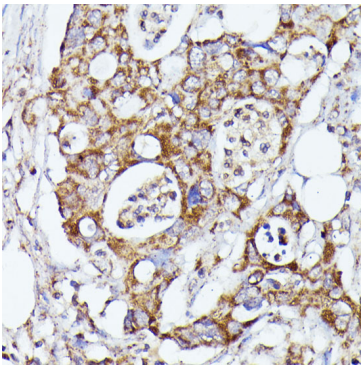
Store at -20°C. Avoid freeze / thaw cycles.

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

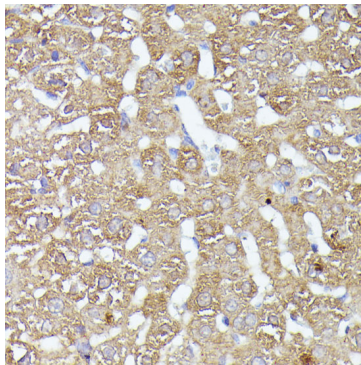
## Validation Data



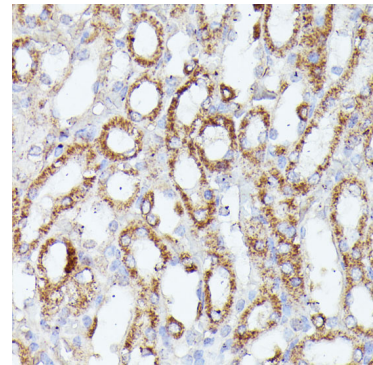
Western blot analysis of various lysates using CDK5RAP1 Rabbit pAb (A15844) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using CDK5RAP1 Rabbit pAb (A15844) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat liver using CDK5RAP1 Rabbit pAb (A15844) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using CDK5RAP1 Rabbit pAb (A15844) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.