

# ILK Rabbit pAb

Catalog No.: A0901 **1 Publications**

## Basic Information

### Observed MW

48kDa

### Calculated MW

51kDa

### Category

Primary antibody

### Applications

WB,IHC-P,ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a protein with a kinase-like domain and four ankyrin-like repeats. The encoded protein associates at the cell membrane with the cytoplasmic domain of beta integrins, where it regulates integrin-mediated signal transduction. Activity of this protein is important in the epithelial to mesenchymal transition, and over-expression of this gene is implicated in tumor growth and metastasis. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IHC-P** 1:50 - 1:100

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

3611

### Swiss Prot

Q13418

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

P59; ILK-1; ILK-2; p59ILK; HEL-S-28; ILK

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

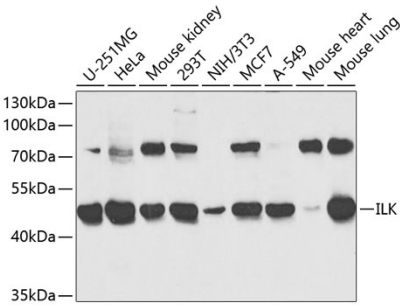
Affinity purification

### Storage

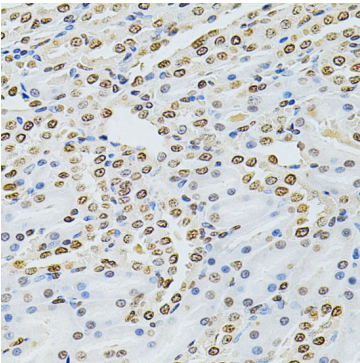
Store at -20°C. Avoid freeze / thaw cycles.

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

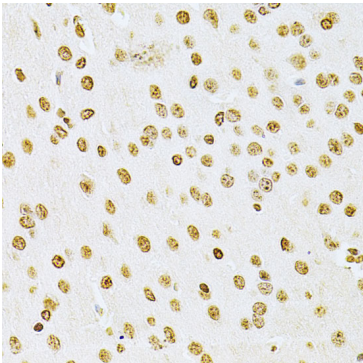
Validation Data



Western blot analysis of various lysates using ILK Rabbit pAb (A0901) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using ILK Rabbit pAb (A0901) at dilution of 1:200 (40x lens).  
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using ILK Rabbit pAb (A0901) at dilution of 1:200 (40x lens).  
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.