

**PIN4 Antibody**  
Rabbit mAb  
Catalog # AP92923

## Specification

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### PIN4 Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	<a href="#">O9Y237</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
EPVH; hEPVH; hPar14; hPar17; Par14; Par17; PIN4;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	13810 Da

### PIN4 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PIN4
Description	Isoform 1 is involved as a ribosomal RNA processing factor in ribosome biogenesis. Binds to tightly bent AT-rich stretches of double-stranded DNA. Isoform 2 binds to double-stranded DNA.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### PIN4 Antibody - Protein Information

**Name** PIN4

#### Function

Isoform 1 is involved as a ribosomal RNA processing factor in ribosome biogenesis. Binds to tightly bent AT-rich stretches of double- stranded DNA.

#### Cellular Location

[Isoform 1]: Nucleus, nucleolus. Cytoplasm, cytoskeleton, spindle. Cytoplasm. Note=Colocalizes in the nucleolus during interphase and on the spindle apparatus during mitosis with NPM1

#### Tissue Location

Isoform 2 is much more stable than isoform 1 (at protein level). Ubiquitous. Isoform 1 and isoform 2 are expressed in kidney, liver, blood vessel, brain, mammary gland, skeletal muscle, small intestine and submandibularis. Isoform 1 transcripts are much more abundant than isoform 2 in

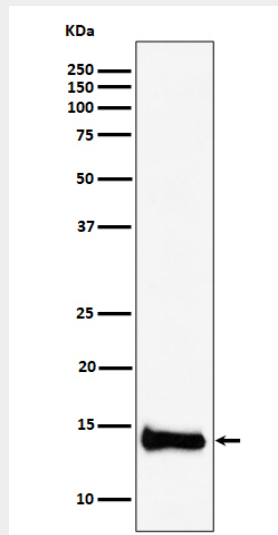
each tissue analyzed

### **PIN4 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **PIN4 Antibody - Images**



Western blot analysis of PIN4 expression in HepG2 cell lysate.