

## **PIN4 Antibody**

Rabbit mAb Catalog # AP92923

## **Specification**

## **PIN4 Antibody - Product Information**

Application WB, IHC, ICC
Primary Accession Q9Y237
Reactivity Rat
Clonality Monoclonal

**Other Names** 

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



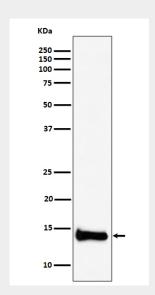
each tissue analyzed

# **PIN4 Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **PIN4 Antibody - Images**



Western blot analysis of PIN4 expression in HepG2 cell lysate.