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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

Dilution	**WB~~1:1000 IHC~~1:100~500 ICC~~N/A**
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

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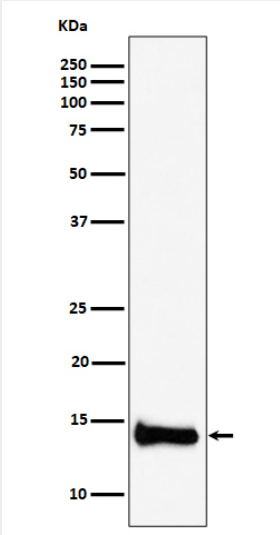
Isoform 2 is much more stable than isoform 1 (at protein level). Ubiquitous. Isoform 1 and isoform 2 are expressed in kidney, liver, blood vessel, brain, mammary gland, skeletal muscle, small intestine and submandibularis. Isoform 1 transcripts are much more abundant than isoform 2 in each tissue analyzed

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 Cytomety
- Cell Culture

PIN4 Antibody - Images



Western blot analysis of PIN4 expression in HepG2 cell lysate.