

PIN4 Antibody
Rabbit mAb
Catalog # AP92923

Specification

PIN4 Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	O9Y237
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

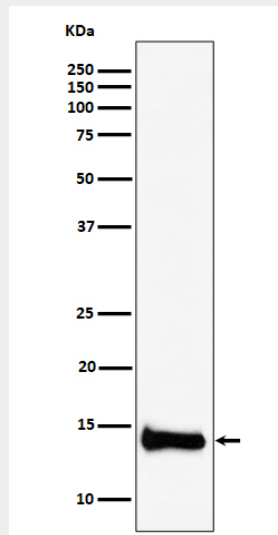
each tissue analyzed

PIN4 Antibody - Protocols

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

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

PIN4 Antibody - Images



Western blot analysis of PIN4 expression in HepG2 cell lysate.