

### PRODUCT DATA SHEET

Bioworld Technology,Inc.

# Pin1 Recombinant Rabbit mAb

Catalog: BS47057 Host: Rabbit Reactivity: Human, Mouse, Rat

#### **BackGround:**

Peptidyl-prolyl cis/trans isomerases (PPIases) catalyze the cis/trans isomerization of peptidyl-prolyl peptide bonds. This gene encodes one of the PPIases, which specifically binds to phosphorylated ser/thr-pro motifs to catalytically regulate the post-phosphorylation conformation of its substrates. The conformational regulation catalyzed by this PPIase has a profound impact on key proteins involved in the regulation of cell growth, genotoxic and other stress responses, the immune response, induction and maintenance of pluripotency, germ cell development, neuronal differentiation, and survival. This enzyme also plays a key role in the pathogenesis of Alzheimer's disease and many cancers. Multiple alternatively spliced variants have found for transcript been gene.[provided by RefSeq, Jun 2011]

### **Product:**

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

#### **Molecular Weight:**

18 kDa

#### **Swiss-Prot:**

### Q13526

## **Purification&Purity:**

**Affinity Purification** 

#### **Applications:**

WB: 1:1000<br/>br />IHC: 1:20<br/>br />ICC/IF: 1:20<br/>br />FC:

1:100<br />IP: 1:20

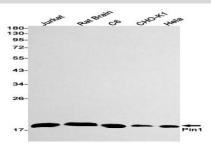
### **Storage&Stability:**

Store at  $4 \,\mathrm{C}$  short term. Aliquot and store at  $-20 \,\mathrm{C}$  long term. Avoid freeze-thaw cycles.

### **Isotype:**

IgG

#### **DATA:**



Western blot detection of Pin1 in Jurkat,Rat Brain,C6,CHO-K1,Hela cell lysates using Pin1 antibody(1:1000 diluted).

#### Note:

For research use only, not for use in diagnostic procedure.

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