

Pin1

Reactivity: Human Mouse

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 18kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human Pin1

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PIN1;DOD;UBL5

Catalog #: A0126

Antibody Type:

Monoclonal Antibody

Species: Mouse

Gene ID: 5300

Isotype: IgG

Swiss Prot: Q13526

Purity: Affinity purification

For research use only.

Background:

Pin1, a member of the parvulin family of peptidyl-prolyl isomerases (PPlase), has been implicated in the G2/M transition of the mammalian cell cycle (1-6). Pin1 is a small (18 kDa) protein with two distinct functional domains: an amino-terminal WW domain and a carboxy-terminal PPlase domain. Pin1 interacts with several mitotic phosphoproteins, including Plk1, cdc25C and cdc27, and is thought to act as a phosphorylation-dependent PPlase for these target molecules (7-9).

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