

PIN1

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

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

Calculated MW:18kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human PIN1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

DOD; UBL5;

Catalog #:A2106

Antibody Type:

Polyclonal Antibody

Species:Rabbit

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 (PPIase), 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 PPIase domain. Pin1 interacts with several mitotic phosphoproteins, including Plk1, cdc25C and cdc27, and is thought to act as a phosphorylation-dependent PPIase for these target molecules (7-9).

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