

PIN1 Rabbit Polyclonal Antibody



CAB13665

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

17kDa

Calculated MW:

18kDa

Applications:

WB IF

Reactivity:

Human

Protein 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 transcript variants have been found for this gene.

Immunogen information

Gene ID:

5300

Uniprot

Q13526

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Synonyms:

PIN1; DOD; UBL5

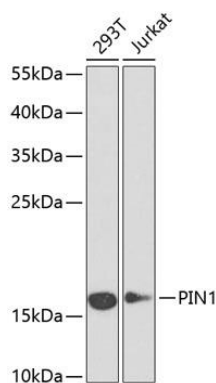
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-163 of human PIN1 (NP_006212.1).

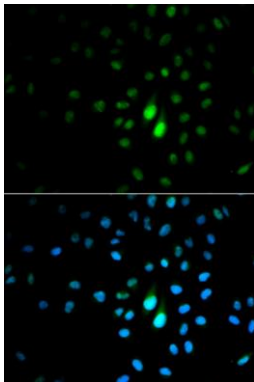
Storage:

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

Product Images



Western blot analysis of extracts of various cell lines, using PIN1 antibody (CAB13665) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of MCF-7 cells using PIN1 antibody (CAB13665). Blue: DAPI for nuclear staining.