

## PIN1 RABBIT MAB

**Cat.#:** N262718

**Product Name:** Anti-PIN1 Rabbit Monoclonal Antibody

**Synonyms:** DOD; UBL5

**UNIPROT ID:** Q13526

**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.

**Immunogen:** A synthetic peptide of human Pin1

**Applications:** WB, ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R06-4H6

**MW:** Calculated MW: 18 kDa; Observed MW: 18 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human, Mouse, Rat

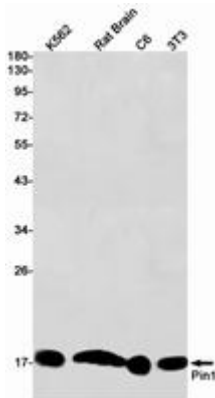
**Conjugation:** Unconjugated

**Modification:** Unmodified

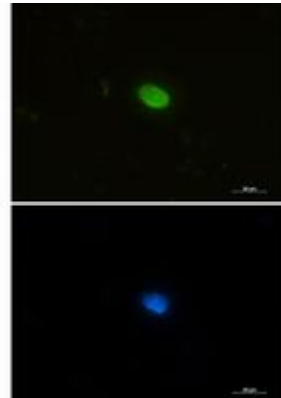
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Pin1 in K562, rat Brain, C6, 3T3 lysates using Pin1 antibody.



Immunocytochemistry analysis of PIN1 (green) in 293 using PIN1 antibody, and DAPI (blue).