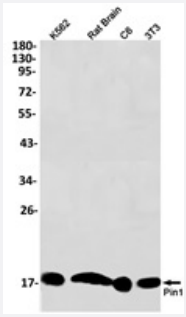
RecomAb™

PIN1 recombinant monoclonal antibody, clone R06-4H6

Catalog # RAB04879 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of K562, rat Brain, C6, 3T3 lysates with PIN1 recombinant monoclonal antibody, clone R06-4H6 (Cat # RAB04879).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PIN1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human PIN1.
Theoretical MW (kDa)	18
Reactivity	Human, Mouse, Rat
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence
- Immunocytochemistry
- Western Blot (Cell lysate)

  Western blot analysis of K562, rat Brain, C6, 3T3 lysates with PIN1 recombinant monoclonal antibody, clone R06-4H6 (Cat # RAB04879).

Gene Info — PIN1

Entrez GeneID	5300
Protein Accession#	Q13526
Gene Name	PIN1
Gene Alias	DOD, UBL5
Gene Description	peptidylprolyl cis/trans isomerase, NIMA-interacting 1
Omim ID	601052
Gene Ontology	Hyperlink
Gene Summary	The human PIN1 gene encodes an essential nuclear peptidylprolyl cis-trans isomerase (PPIase; EC 5.2.1.8) involved in regulation of mitosis. PIN1 belongs to a class of PPIases that includes the E. coli parvulin, yeast Ess1, and Drosophila dodo (dod) gene products (Lu et al., 1996 [PubMed 8 606777]).[supplied by OMIM
Other Designations	peptidyl-prolyl cis/trans isomerase, NIMA-interacting|prolyl isomerase|protein (peptidyl-prolyl cis/tr ans isomerase) NIMA-interacting 1|protein (peptidylprolyl cis/trans isomerase) NIMA-interacting 1

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Disease

- Alzheimer disease
- Breast Neoplasms
- Carcinoma
- Cognition Disorders
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Lung Neoplasms
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Werner syndrome

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