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Cdc25b Antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11876

Product Information

Application	WB
Primary Accession	P30306
Other Accession	NM_023117, NP_075606
Reactivity	Human, Mouse, Rat, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65490

Additional Information

Gene ID	12531
Alias Symbol	AI604853
Other Names	M-phase inducer phosphatase 2, 3.1.3.48, Dual specificity phosphatase Cdc25B, Cdc25b, Cdc25m2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Cdc25b antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Cdc25b Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Cdc25b
Synonyms	Cdc25m2
Function	Tyrosine protein phosphatase which functions as a dosage- dependent inducer of mitotic progression. Directly dephosphorylates CDK1 and stimulates its kinase activity. Required for G2/M phases of the cell cycle progression and abscission during cytokinesis in a ECT2- dependent manner. The three isoforms seem to have a different level of activity.
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome {ECO:0000250|UniProtKB:P30305}. Cytoplasm, cytoskeleton, spindle pole

{ECO:0000250|UniProtKB:P30305}

Tissue Location Expressed predominantly in spleen, lung, heart, brain, intestine, and muscle.

Images



Host: Rabbit
Target Name: Cdc25b
Sample Tissue: Mouse Heart lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.