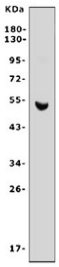
Cdc25c Antibody (RQ6244)

Catalog No.	Formulation	Size
RQ6244	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P48967
Applications	Western blot: 1-2ug/ml
Limitations	This Cdc25c antibody is available for research use only.



Western blot testing of rat pancreas tissue lysate with Cdc25c antibody. Predicted molecular weight ~53 kDa.

Description

M-phase inducer phosphatase 3 is an enzyme that in humans is encoded by the CDC25C gene. This gene is highly conserved during evolution and it plays a key role in the regulation of cell division. The encoded protein is a tyrosine phosphatase and belongs to the Cdc25 phosphatase family. It directs dephosphorylation of cyclin B-bound CDC2 (CDK1) and triggers entry into mitosis. Also, it is thought to suppress p53-induced growth arrest. Multiple alternatively spliced transcript variants of this gene have been described, however, the full-length nature of many of them is not known.

Application Notes

Optimal dilution of the Cdc25c antibody should be determined by the researcher.

Immunogen

A mouse recombinant partial protein (amino acids K24-Q447) was used as the immunogen for the Cdc25c antibody.

Storage

After reconstitution, the Cdc25c antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.