

DNAxPAb

Hard-to-Find
Antibody

CDC25C DNAxPAb

Catalog # H00000995-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CDC25C DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSTELFSSTREEGSSSGSGPSFRSNQRKMLNLLERDTSFTVCPDVPRTVPVGKFLGDSANLSILSG GTPKCCLDLSNLSSGEITATQLTTSADLDETGHLDSGLQEVHLAGMNHQHLMKCSPAQLLCS TPNGLDRGHRKRDAMCSSSANKENDNGNLVDSEMKYLGSPITTVPKLDKNPNLGEDQAEESISDE LMEFSLKDQEAQVSRSGLYRSPSPMPENLNRPLKQVEKFKDNTIPDKVKKKYFSGQGKLRKGLC LKKTVSLCDITITQMLEEDSNQGHGIDFSKVCALPTVSGKHQDLKYVNPETVAALLSGKFQGLIEK FYIDCRYPYELGGHIQGALNLYSQEELFNFFLKPMPLDTQKRIIVFHCEFSSERGPRMCRCLR EEDRSLNQYPALYPELYLKGGYRDFPEYMELCPEQSYCPMHHQDHKTELLRCRSQSKVQEG ERQLREQIALLVKDMSP
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CDC25C

Entrez GeneID [995](#)

GeneBank Accession# [BC019089.2](#)

Protein Accession# [AAH19089.1](#)

Gene Name CDC25C

Gene Alias CDC25

Gene Description cell division cycle 25 homolog C (S. pombe)

Omim ID [157680](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 and triggers entry into mitosis. It is also 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. [provided by RefSeq]

Other Designations cell division cycle 25C|cell division cycle 25C protein|dual specificity phosphatase CDC25C|m-phase inducer phosphatase 3|mitosis inducer CDC25|phosphotyrosine phosphatase

Pathway

- [Cell cycle](#)

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)