

DNAxPAb

Hard-to-Find
Antibody

CDC25B DNAxPAb

Catalog # H00000994-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CDC25B DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MEVPQPEPAPGSALSPAGVCGGAQRPGHLPGLLLGSHGLLGSPVRAAASSPVTTLTQTMHDLA GLGSETPKSQVGTLFRSRSLTHLSLSRRASESSLSESSESSDAGLCMDSPSPMDPHMAEQ TFEQAIQAASRIIRNEQFAIRRFQSMPLVRLGHSPVLRNITNSQAPDGRRKSEAGSGAASSSGEDK ENDGFVFKMPWKPTHPSSTHALAEWASRREAFQRPSSAPDLMCLSPDRKMEVEELSPLALG RFSLTPAEGDTEEDDGFVDILESDLKDDDAVPPGMESLISAPLVKLEKEEEKDLVMYSKCQRLF RSPSMPCSVIRPILKRLERPQDRDTPVQNKRRRSVTPPEEQQEAEKPKARVLRKSLCHDEIENL LDSDHRELIGDYSKAFLLQTVDGKHQDLKYISPETMVALLTGKFSNVDKFVIVDCRYPYEYEGGHIK TAVNLPLERDAESFLLKSPIAPCSLDKRVILIFHCFSSERGPRMCRFIRERDRAVNDYPSLYPEM YILKGGYKEFFPQHPNFCPEQDYRPMNHEAFKDELKTRFKTRSWAGERSRRELCSRLQDQ
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 — CDC25B

Entrez GeneID [994](#)

GeneBank Accession# [NM_021873.2](#)

Protein Accession# [NP_068659.1](#)

Gene Name CDC25B

Gene Alias -

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

Omim ID [116949](#)

Gene Ontology [Hyperlink](#)

Gene Summary CDC25B is a member of the CDC25 family of phosphatases. CDC25B activates the cyclin dependent kinase CDC2 by removing two phosphate groups and it is required for entry into mitosis. CDC25B shuttles between the nucleus and the cytoplasm due to nuclear localization and nuclear export signals. The protein is nuclear in the M and G1 phases of the cell cycle and moves to the cytoplasm during S and G2. CDC25B has oncogenic properties, although its role in tumor formation has not been determined. Multiple transcript variants for this gene exist. [provided by RefSeq]

Other Designations OTTHUMP00000030137|OTTHUMP00000030138|OTTHUMP00000030139|cell division cycle 25B

Pathway

- [Cell cycle](#)
- [MAPK signaling pathway](#)

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)

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