

DNAxPAb

Hard-to-Find
Antibody

CDC6 DNAxPab

Catalog # H00000990-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human CDC6 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MPQTRSQAQATISFPKRKLSRALNKAKNSSDAKLEPTNVQTVTCSPRVKALPLSPRKRLGDDNL
CNTPHLPPCSPPKQGKKENGPPHSHTLKGRRLVFDNQLTIKSPSKRELAKVHQNKILSSVRKSQE
ITTNSEQRCPLKKEACVRLFKQEGTCYQQAQLVNTAVPDLRPAREREMDVIRNFLREHICGKKA
GSLYLSGAPGTGKTACLSRILQDLKKELKGFKTIMLNCMSLRTAQAVFPAIAQEICQEEVSRPAGK
DMMRKLEKHMATAEKGPMIVLVLEMDQLDSKGQDVLVTLFEWPWLSNSHLVLIGIANTLDLTDRIL
PRLQAREKCKPQLLNFPYTRNQVITLQDRLNQVSRDQVLDNAAVQFCARKVSAVSGDVRKALD
VCRAIEIVESDVKSQTLKPLSECKSPSEPLIPKRVGLIHISQVISEIDGNRMTLSQEGAQDSFPLQ
QKILVCSLMILLIRQLKIKEVTLGKLYEAYSKVCRKQQVAVDQSECLSLSGLLEARGILGLKRNKET
RLTKVFFKIEEKEIEHALKDKALIGNILATGLP

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 — CDC6

Entrez GeneID [990](#)

GeneBank Accession# [BC025232.1](#)

Protein Accession# [AAH25232.1](#)

Gene Name CDC6

Gene Alias CDC18L, HsCDC18, HsCDC6

Gene Description cell division cycle 6 homolog (S. cerevisiae)

Omim ID [602627](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is highly similar to Saccharomyces cerevisiae Cdc6, a protein essential for the initiation of DNA replication. This protein functions as a regulator at the early step s of DNA replication. It localizes in cell nucleus during cell cyle G1, but translocates to the cytoplas m at the start of S phase. The subcellular translocation of this protein during cell cyle is regulated t hrough its phosphorylation by Cdk. Transcription of this protein was reported to be regulated in r esponse to mitogenic signals through transcriptional control mechanism involving E2F proteins. [p rovided by RefSeq

Other Designations CDC18 (cell division cycle 18, S.pombe, homolog)-like|CDC6 cell division cycle 6 homolog|CDC 6-related protein|cell division cycle 6 protein

Pathway

- [Cell cycle](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)

- [Liver Neoplasms](#)
- [Lymphoma](#)
- [Pulmonary Disease](#)
- [Uterine Cervical Neoplasms](#)