

DNAXPAb

Hard-to-Find
Antibody

CDC45L DNAXPab

Catalog # H00008318-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CDC45L DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MFVSDFRKEFYEVVQSQRVLLFVASDVDALCACKILQALFQCDHVQYTLVPVSGWQELETAFLE HKEQFHIFILINCGANVDLLDILQPDEDITFFVCDTHRPVNVVNVYNDTQIKLLIKQDDDLVPAYEDI FRDEEEDDEEHSGNDSGSEPSSEKTRLEEEIVEQTMRRRQRREWEARRRDILFDYEQYEHGTS SAMVMFELAWMLSKDLNDMLWWAVGLTDQWVQDKITQMKYVTDVGVLRHVSRRHNRNEDE ENTLSVDCTRISFEYDLRLVLYQHWSLHDSLNTSYTAARFKLWSVHGQKRLQEFADMGLPLKQ VKQKFQAMDISLKENLREMIEESANKFGMKDMRVQTFSIHFGFKHKFLASDVVFATMSLMESPEK DGSGTDHFIALDSLRSNLDKLYHGLELAKKQLRATQQTIASCLCTNLVISQGPFLYCSLMEGTP DVMLFSRPASLSLLSKHLLKSFVCSTKNRRCKLLPLVMAAPLSMEHGTVTVVGIPPETDSSDRKN FFGRAFEKAAESTSSRMLHNHFDLSVIELKAEDRSKFLDALISLLS
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 — CDC45L

Entrez GeneID [8318](#)

GeneBank Accession# [NM_003504.3](#)

Protein Accession# [NP_003495.1](#)

Gene Name CDC45L

Gene Alias CDC45, CDC45L2, PORC-PI-1

Gene Description CDC45 cell division cycle 45-like (S. cerevisiae)

Omim ID [603465](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene was identified by its strong similarity with Saccharomyces cerevisiae Cdc45, an essential protein required to the initiation of DNA replication. Cdc45 is a member of the highly conserved multiprotein complex including Cdc6/Cdc18, the minichromosome maintenance proteins (MCMs) and DNA polymerase, which is important for early steps of DNA replication in eukaryotes. This protein has been shown to interact with MCM7 and DNA polymerase alpha. Studies of the similar gene in Xenopus suggested that this protein play a pivotal role in the loading of DNA polymerase alpha onto chromatin. Multiple polyadenylation sites of this gene are reported. [provided by RefSeq]

Other Designations

CDC45 (cell division cycle 45, S.cerevisiae, homolog)-like|CDC45-like|CDC45-related protein|cell division cycle 45-like 2|human CDC45

Pathway

- [Cell cycle](#)

Disease

- [Colorectal Neoplasms](#)
- [Disease Progression](#)

- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)