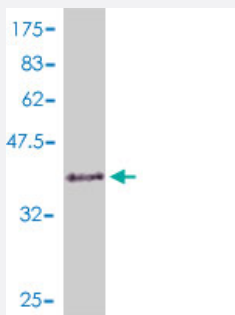


# CDC45L polyclonal antibody (A02)

Catalog # H00008318-A02

Size 50 uL

## Applications



Western Blot detection against Immunogen (36.01 KDa) .

## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant CDC45L.
<b>Immunogen</b>	CDC45L (NP_003495, 477 a.a. ~ 566 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	FVCSTKNRRCKLLPLVMAAPLSMEHGTVTVGIPPETDSSDRKNFFGRAFEKAAESTSSRMLHN HFDLSVIELKAEDRSKFLDALISLLS
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (93); Rat (96)
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.01 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — CDC45L

Entrez GeneID [8318](#)

GeneBank Accession# [NM\\_003504](#)

Protein Accession# [NP\\_003495](#)

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](#)