

## Anti-CDC2L1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 93 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Tissue/cell: Mouse embryos; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-CDC2L1 Polyclonal Antibody, Unconjugated (TMAB-04122) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human CDC2L1
Antigen Species:	Human
Gene ID:	984

## Research Background

Summary: This gene encodes a member of the p34Cdc2 protein kinase family. p34Cdc2 kinase family members are known to be essential for eukaryotic cell cycle control. This gene is in close proximity to CDC2L2, a nearly identical gene in the same chromosomal region. The gene loci including this gene, CDC2L2, as well as metalloprotease MMP21/22, consist of two identical, tandemly linked genomic regions which are thought to be a part of the larger region that has been duplicated. This gene and CDC2L2 were shown to be deleted or altered frequently in neuroblastoma with amplified MYCN genes. The protein kinase encoded by this gene could be cleaved by caspases and was demonstrated to play roles in cell apoptosis. Several alternatively spliced variants of this gene have been reported. [provided by RefSeq, Jul 2008].

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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