

Datasheet for ABIN7450096
anti-CDK13 antibody (AA 1125-1175)



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Overview

Quantity:	20 µg
Target:	CDK13
Binding Specificity:	AA 1125-1175
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-CDC2L5 Antibody, Affinity Purified
Immunogen:	between AA 1125 and 1175
Isotype:	IgG
Predicted Reactivity:	Mouse,Bovine
Purification:	Affinity Purified

Target Details

Target:	CDK13
Alternative Name:	CDC2L5 (CDK13 Products)
Background:	Background: CDC2-like kinase 5 (CDC2L5) is a member of the cyclin-dependent

Target Details

serine/threonine protein kinase family that plays a central role in cell cycle control. The CDC2L5 cDNA was first identified as CHED (cholinesterase-related cell-division controller) and cloned serendipitously in a screen using a cholinesterase-specific oligonucleotide probe in search of a link between cholinergic signaling and hematopoietic cell division control. Recently, the understanding of the physiological function of CDC2L5 has become clearer. Due to its localization to speckles in the nucleoplasm and its interaction with the splicing protein, ASF/SF2-associated protein p32, it was suggested to play a role in mRNA processing. Further studies showed that overexpression of CDC2L5 altered mRNA splicing patterns, and that CDC2L5 associated with L-type cyclins known to be involved in alternative splicing. These results have led to the conclusion that CDC2L5 is part of a subfamily of cyclin dependent kinases that play a role in the regulation of alternative splicing.

Gene ID: 8621

NCBI Accession: [NP_003709](#)

UniProt: [Q14004](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months