

Datasheet for ABIN7227784
anti-CDK13 antibody (AA 650-730)



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Overview

Quantity:	100 µL
Target:	CDK13
Binding Specificity:	AA 650-730
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK13 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	CDK13 Polyclonal Antibody
Immunogen:	Synthesized peptide derived from part region of human CDK13 protein at AA range: 650-730
Isotype:	IgG
Specificity:	The antibody detects endogenous levels of CDK13 protein
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen

Target Details

Target:	CDK13
Alternative Name:	CDK13 (CDK13 Products)

Target Details

Background: Rabbit Anti-CDK13 Polyclonal Antibody, Cyclin-dependent kinase 13, CDC2-related protein kinase 5, Cell division cycle 2-like protein kinase 5, Cell division protein kinase 13, hCDK13, Cholinesterase-related cell division controller, The protein encoded by CDK13 (Cyclin Dependent Kinase 13) is a member of the cyclin-dependent serine/threonine protein kinase family. Members of this family are well known for their essential roles as master switches in cell cycle control. The exact function of this protein has not yet been determined, but it may play a role in mRNA processing and may be involved in regulation of hematopoiesis. Alternatively spliced transcript variants have been described. CDK13 is a Protein Coding gene. Diseases associated with CDK13 include Congenital Heart Defects, Dysmorphic Facial Features, And Intellectual Developmental Disorder and Corneal Endothelial Dystrophy, Autosomal Recessive. Among its related pathways are Formation of HIV elongation complex in the absence of HIV Tat and Innate Immune System., CDK13

Molecular Weight: observed band 166kDa

Gene ID: 8621

UniProt: [Q14004](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000-1:20000).

Comment: Primary Antibody

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, pH 7.4, containing 0.02 % Sodium Azide as preservative and 50 % Glycerol.

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: -20 °C

Storage Comment: Stable for one year at -20°C from date of shipment. For maximum recovery of product,

Handling

centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.