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Mouse Cdk13 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14952a

Product Information

Application	WB, E
Primary Accession	Q69ZA1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34456
Calculated MW	164553
Antigen Region	282-310

Additional Information

Gene ID	69562
Other Names	Cyclin-dependent kinase 13, CDC2-related protein kinase 5, Cell division cycle 2-like protein kinase 5, Cell division protein kinase 13, Cdk13, Cdc2l5, Kiaa1791
Target/Specificity	This Mouse Cdk13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 282-310 amino acids from the N-terminal region of mouse Cdk13.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse Cdk13 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Cdk13
Synonyms	Cdc2l5, Kiaa1791

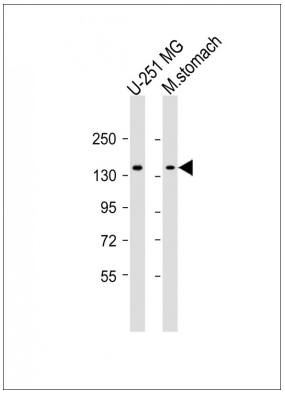
Function Cyclin-dependent kinase which displays CTD kinase activity and is required for RNA splicing. Has CTD kinase activity by hyperphosphorylating the C-terminal heptapeptide repeat domain (CTD) of the largest RNA polymerase II subunit RPB1, thereby acting as a key regulator of transcription elongation. Required for RNA splicing, probably by phosphorylating SRSF1/SF2. Required during hematopoiesis.

Cellular Location Nucleus speckle.

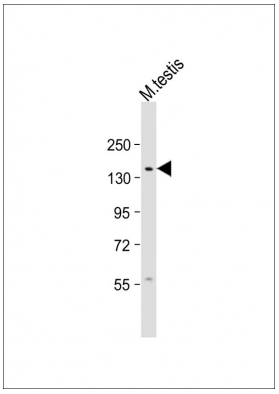
Background

Cdk13 may be a controller of the mitotic cell cycle. Involved in the blood cell development (By similarity).

Images



All lanes: Anti-Mouse Cdk13 Antibody (N-term) at 1:1000 dilution Lane 1: U-251 MG whole cell lysate Lane 2: mouse stomach lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 165 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-Mouse Cdk13 Antibody (N-term) at 1:1000 dilution + mouse testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 165 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.