

Rabbit anti-Mouse Cdk13 Polyclonal Antibody | anti-Cdk13 antibody

Mouse Cdk13 Antibody (N-term)

CATALOG # AAA287186	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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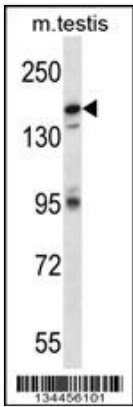
PRODUCT SYNONYMS

Cdk13; Polyclonal Antibody; Mouse Cdk13 Antibody (N-term); Cyclin-dependent kinase 13; CDC2-related protein kinase 5; Cell division cycle 2-like protein kinase 5; Cell division protein kinase 13; Cdc2l5; Kiaa1791; anti-Cdk13 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	282-310
Sequence Length	1,451
Applicable Applications for anti-Cdk13 antibody	ELISA, WB (Western Blot)
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
Preparation and 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.

IMAGES



WB (Western Blot)
Anti-Mouse Cdk13 Antibody (N-term) at 1:1000dilution + mouse testis lysate
Lysates/proteinsat 20 ug per lane. Secondary Goat Anti-Rabbit IgG.(H+L), Peroxidase
conjugated at 1/10000 dilution.Predicted band size : 165 kDaBlocking/Dilution buffer: 5%
NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Cdk13 antibody	Cdk13 may be a controller of the mitotic cell cycle. Involved in the blood cell development (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124486698
NCBI GeneID	69562
NCBI Accession #	NP_001074527.1; NP_081394.1
NCBI GenBank Nucleotide #	NM_001081058.2
UniProt Accession #	Q69ZA1; Q80V11; Q8BZG1; Q8K0A4; E9QKZ6
NCBI Official Full Name	cyclin-dependent kinase 13 isoform 1
NCBI Official Synonym Full Names	cyclin-dependent kinase 13
NCBI Official Symbol	Cdk13
NCBI Official Synonym Symbols	Cdc2l5; 2310015O17Rik
NCBI Protein Information	cyclin-dependent kinase 13
UniProt Protein Name	Cyclin-dependent kinase 13
UniProt Gene Name	Cdk13
UniProt Synonym Gene Names	Cdc2l5; Kiaa1791
UniProt Entry Name	CDK13_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cdk13-antibody-western-blot-elisa/287186>