

Rabbit CDKL3 Polyclonal Antibody | anti-CDKL3 antibody

CDKL3 Rabbit pAb

CATALOG # AAA281683	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CDKL3; Polyclonal Antibody; CDKL3 Rabbit pAb; NKIAMRE; anti-CDKL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MEMYETLGKV GEGSYGTVMK CKHKNTGQIV AIKIFYERPE QSVNKIAMRE IKFLKQFHHE NLVNLIEVFR QKKKIHLVFE FIDHTVLDEL QHYCHGLESK RLRKYLFQIL RAIDYLSNN
Applicable Applications for anti-CDKL3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human CDKL3 (NP_001107047).
Positive Samples	HeLa, LO2, Mouse brain, Mouse liver, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon carcinoma using CDKL3 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CDKL3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKL3 antibody

Background: The protein encoded by this gene is a member of cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of *Saccharomyces cerevisiae* cdc28, and *Schizosaccharomyces pombe* cdc2, and are known to be important regulators of cell cycle progression. This gene was identified as a gene absent in leukemic patients with chromosome 5q deletion. This loss may be an important determinant of dysmyelopoiesis. Alternative splicing results in multiple transcript variants encoding different isoforms.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166064027
NCBI GeneID	51265
NCBI Accession #	NP_001107047.1
NCBI GenBank Nucleotide #	NM_001113575.1
UniProt Accession #	Q8IVW4; Q9P114; D3DQA0; D3DQA1
Molecular Weight	67,514 Da
NCBI Official Full Name	cyclin-dependent kinase-like 3 isoform 1
NCBI Official Synonym Full Names	cyclin-dependent kinase-like 3
NCBI Official Symbol	CDKL3
NCBI Official Synonym Symbols	NKIAMRE
NCBI Protein Information	cyclin-dependent kinase-like 3; serine-threonine protein kinase NKIAMRE; serine/threonine-protein kinase NKIAMRE
UniProt Protein Name	Cyclin-dependent kinase-like 3
UniProt Gene Name	CDKL3
UniProt Synonym Gene Names	NKIAMRE
UniProt Entry Name	CDKL3_HUMAN

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://stage.aaabiotech.com/polyclonal/cdkl3-antibody-immunohistochemistry-western-blot-elisa/281683>