

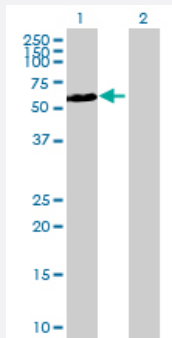
MaxPab®

CDKL3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051265-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CDKL3 expression in transfected 293T cell line ([H00051265-T01](#)) by CDKL3 MaxPab polyclonal antibody.

Lane 1: CDKL3 transfected lysate(65.12 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CDKL3 protein.

Immunogen

CDKL3 (AAH41799.1, 1 a.a. ~ 592 a.a) full-length human protein.

Sequence

MEMYETLGKVGEGSYGTVMKCKHKNTGQVAIKIFYERPEQSVNKIAMREIKFLKQFHENLVNLT
VFRQKKKIHLVFEFIDHTVLDLQHYCHGLESKRRLRYLFQILRAIDYLHSNNIHRDIKPENILVSQSGI
TKLCDFGFARTLAAPGDIYTDYVATRWYRAPELVLKDTSYGKPVDIWALGCMIIEMATGNPYLPSS
SDLDLLHKIVLKVGNLSPHLQNFISKSPIFAGVVLQVQHPKNARKKYPKLNGLLADIVHACLQIDP
ADRISSDLLHHEYFTRDGFIEKFMPPELKAKLLQEAKVNSLIKPKESSKENELRKDERKTVYNTLL
SSSVLGKEIEKEKKPKEIKVRVIKVKGGRGDISEPKKKEYEGGLGQQDANENVHPMSPDTKLVTIE
PPNPINPSTNCNGLKENPHCGGSVTMPINLTNSNLMAANLSSNLFHPSVRLTERAKKRTSSQSI
GQVMPNSRQEDPGPIQSQMEKGIFNERTGHSDQMANENKRKLNFSRSDRKEFHPELPVTIQSK
DTKGMEVKQIKMLKRESKKTESKIPITLLNVDQNEKQEGGDGHCEGKNLKRNRFFFW

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (80); Rat (81)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — CDKL3

Entrez GeneID[51265](#)**GeneBank Accession#**[BC041799.1](#)**Protein Accession#**[AAH41799.1](#)**Gene Name**

CDKL3

Gene Alias

NKIAMRE

Gene Description

cyclin-dependent kinase-like 3

Omim ID[608459](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 5 q deletion. This loss may be an important determinant of dysmyelopoiesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

serine-threonine protein kinase NKIAMRE

Disease

- [Tobacco Use Disorder](#)