

Rabbit anti-Human CDKL5 Polyclonal Antibody | anti-CDKL5 antibody

CDKL5 antibody - C-terminal region

CATALOG # AAA200971	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

CDKL5; Polyclonal Antibody; CDKL5 antibody - C-terminal region; anti-CDKL5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: SQ ASGGSSNIRQ EPAPKGRP ALQLPDGGCDGR RQRHHSGPQD RRFMLRTT
Sequence Length	1030
Applicable Applications for anti-CDKL5 antibody	WB (Western Blot)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human CDKL5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

25 ug of the indicated Human whole cell extracts was loaded onto a 6-18% SDS-PAGE gel. 3 ug/mL of the antibody was used in this experiment. Recommended dilution for this antibody is 1-3 ug/mL. Recognizes isoform 2 in this experiment.



WB (Western Blot)

WB Suggested Anti-CDKL5 Antibody Titration: 0.2-1 ug/mL. ELISA Titer: 1:62500. Positive Control: 721_B cell lysate. CDKL5 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKL5 antibody	This is a rabbit polyclonal antibody against CDKL5. It was validated on Western Blot Target Description: CDKL5 is a member of Ser/Thr protein kinase family. This protein is a phosphorylated protein with protein kinase activity. Mutations in this CDKL5 gene have been associated with X-linked infantile spasm syndrome (ISSX), also known as X-linked West syndrome, and Rett syndrome (RTT).
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Product Categories/Family for anti-CDKL5 antibody

Polyclonal; Immunology; Neuroscience; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507281
NCBI GeneID	6792
NCBI Accession #	NP_003150
NCBI GenBank Nucleotide #	NM_003159
UniProt Accession #	O76039
Molecular Weight	115kDa
NCBI Official Full Name	cyclin-dependent kinase-like 5 isoform 1
NCBI Official Synonym Full Names	cyclin dependent kinase like 5
NCBI Official Symbol	CDKL5
NCBI Official Synonym Symbols	ISSX; STK9; EIEE2; CFAP247
NCBI Protein Information	cyclin-dependent kinase-like 5
UniProt Protein Name	Cyclin-dependent kinase-like 5
UniProt Gene Name	CDKL5
UniProt Synonym Gene Names	STK9
UniProt Entry Name	CDKL5_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/cdkl5-antibody-western-blot-elisa/200971>