Rabbit anti-Human CDKL2 Polyclonal Antibody | anti-CDKL2 antibody

CDKL2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324073	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

CDKL2; Polyclonal Antibody; CDKL2 Antibody; CDC2 related kinase; CDK L2; CDKL 2; CDKL2_HUMAN; Cyclin dependent kinase like 2; Cyclin-dependent kinase-like 2; KKIAMRE; p56 KKIAMRE protein kinase; Protein kinase p56 KKIAMRE; Serine/threonine protein kinase KKIAMRE; Serine/threonine-protein kinase KKIAMRE; anti-CDKL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CDKL2 antibody detects endogenous levels of total CDKL2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	570
Applicable Applications for anti-CDKL2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Nucleus.
Tissue Specificity	Expressed in testis and kidney, and at lower level in brain and lung.
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Rabbit, Dog**
Similarity	Pig (83%), Bovine (83%), Horse (92%), Sheep (83%), Rabbit (92%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

WB (Western Blot)
Western blot analysis of extracts from 293 cells. using CDKL2 antibody.The lane on the left is treated with the antigen-specific peptide.

WB (Western Blot)
Western blot analysis of extracts from various samples, using CDKL2 Antibody. Lane 1: rat brain treated with blocking peptide. Lane 2: rat brain; Lane 3: mouse spleen;

IF (Immunofluorescence)
AAA324073 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKL2 antibody	Function: ATP + a protein = ADP + a phosphoprotein. Similarity: The [NKR]KIAxRE motif seems to be a cyclin-binding region. Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1061214226
NCBI GeneID	8999
NCBI Accession #	NP_001317653.1
NCBI GenBank Nucleotide #	NM_001330724.1
UniProt Accession #	Q92772; B2R695
Molecular Weight	Observed: 56 kD Predicted: 57 kDa
NCBI Official Full Name	cyclin-dependent kinase-like 2 isoform 2
NCBI Official Synonym Full Names	cyclin dependent kinase like 2
NCBI Official Symbol	CDKL2
NCBI Official Synonym Symbols	P56; KKIAMRE
NCBI Protein Information	cyclin-dependent kinase-like 2
UniProt Protein Name	Cyclin-dependent kinase-like 2
UniProt Gene Name	**CDKL2**

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/cdkl2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324073