

Rabbit anti-Human CDKL4 Polyclonal Antibody | anti-CDKL4 antibody

CDKL4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324012	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CDKL4; Polyclonal Antibody; CDKL4 Antibody; CDKL4_HUMAN; Cyclin dependent kinase like 4; Cyclin-dependent kinase-like 4; EC 2.7.11.22; OTTHUMP00000164944; anti-CDKL4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CDKL4 antibody detects endogenous levels of total CDKL4
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	315
Applicable Applications for anti-CDKL4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324012 staining HepG2 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.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells using CDKL4 antibody.



IHC (Immunohistochemistry)

AAA324012 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKL4 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 #	57222269
NCBI GeneID	344387
NCBI Accession #	NP_001009565.1
NCBI GenBank Nucleotide #	NM_001009565.2
UniProt Accession #	Q5MAI5; Q2NME9
Molecular Weight	Observed: 36 kD Predicted: 44 kDa
NCBI Official Full Name	cyclin-dependent kinase-like 4 isoform 2
NCBI Official Synonym Full Names	cyclin dependent kinase like 4
NCBI Official Symbol	CDKL4
NCBI Protein Information	cyclin-dependent kinase-like 4
UniProt Protein Name	Cyclin-dependent kinase-like 4
UniProt Gene Name	CDKL4

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/cdkl4-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324012>