

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

CDKL4 Antibody

CATALOG # AAA310344	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CDKL4; Polyclonal Antibody; CDKL4 Antibody; anti-CDKL4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CDKL4 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.3mg/ml (varies by lot)
Sequence Length	315
Applicable Applications for anti-CDKL4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide corresponding to residues near the N terminal of human CDKL4
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



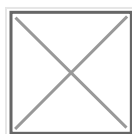
IHC (Immunohistochemisry)

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 46456(CDKL4 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohiostchemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46456(CDKL4 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x200)



SDS-PAGE

Gel: 8%SDS-PAGE lysate: 40 µg, Lane: Human heart tissue lysate, Primary antibody: 46456(CDKL4 Antibody) at dilution 1/550 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-CDKL4 antibody	Cell cycle progression is controlled in part by a family of cyclin proteins and cyclin dependent kinases (Cdks). Cdk proteins work in concert with the cyclins to phosphorylate key substrates involved in each phase of cell cycle progression. Another family of proteins, Cdk inhibitors, also plays a role in regulating the cell cycle by binding to cyclin-Cdk complexes and modulating their activity. Cdks are considered potential targets for anti-cancer therapy due to their involvement with cell cycle regulation. Cdks are also involved in the regulation of transcription and mRNA processing. CdkL4 (cyclin-dependent kinase-like 4) is a 315 amino acid protein that belongs to the CMGC Ser/Thr protein kinase family and may be involved in cell cycle regulation.
Product Categories/Family for anti-CDKL4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	57222269
NCBI GeneID	344387
NCBI Accession #	NP_001009565
NCBI GenBank Nucleotide #	NM_001009565.2
UniProt Accession #	Q5MAI5; Q2NME9
Molecular Weight	43 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-immunohistochemistry-western-blot-elisa/310344>