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

CDKL4 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175902	**Rabbit**	**Human, Mouse**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

CDKL4; Polyclonal Antibody; CDKL4 Polyclonal Antibody; 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, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.8mg/mL (varies by lot)
Sequence Length	315
Applicable Applications for anti-CDKL4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human CDKL4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using CDKL4 Polyclonal Antibody at dilution of 1:35(×200

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CDKL4 Polyclonal Antibody at dilution of 1:35(×200

WB (Western Blot)
Western blot analysis of Human heart tissue lysate using CDKL4 Polyclonal Antibody at dilution of 1:350

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	Cell Biology; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	57222269
NCBI GeneID	344387
NCBI Accession #	NP_001009565.1
NCBI GenBank Nucleotide #	NP_001009565.1
UniProt Accession #	Q5MAI5
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**
UniProt Entry Name	CDKL4_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/cdkl4-antibody-immunohistochemistry-western-blot-elisa/175902