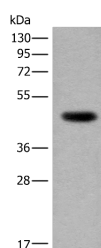


CDKL4 Polyclonal Antibody

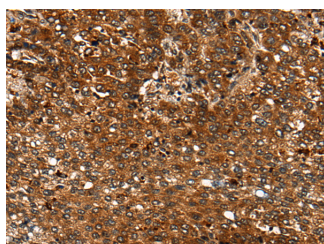
Catalog No.	E-AB-19685	Reactivity	H,M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

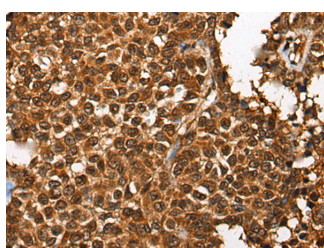
Images



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



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CDKL4 Polyclonal Antibody at dilution of 1:35(x200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using CDKL4 Polyclonal Antibody at dilution of 1:35(x200)

Immunogen Information

Immunogen	Synthetic peptide of human CDKL4
Gene Accession	NP001009565
Swissprot	Q5MAI5
Synonyms	CDKL4,CDKL4,Cyclin dependent kinase like 4,Cyclin-dependent kinase-like 4,EC 2.7.11.22,OTTHUMP00000164944

Product Information

Calculated MW	43 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:30-1:150, ELISA 1:5000-1:10000

Background

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.