

Anti-CDKL4 Antibody

Rabbit polyclonal antibody to CDKL4 Catalog # AP60129

Specification

Anti-CDKL4 Antibody - Product Information

Application
Primary Accession
Other Accession
Reactivity
Host

Clonality Calculated MW WB, IF/IC, IHC Q5MAI5

Human, Mouse, Rat

Rabbit Polyclonal 43384

Q3TZA2

Anti-CDKL4 Antibody - Additional Information

Gene ID 344387

Other Names

Cyclin-dependent kinase-like 4

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CDKL4. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500) IF/IC~~N/A IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

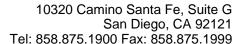
Anti-CDKL4 Antibody - Protein Information

Name CDKL4

Cellular Location

Cytoplasm.

Anti-CDKL4 Antibody - Protocols

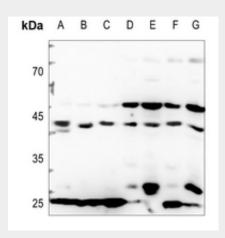




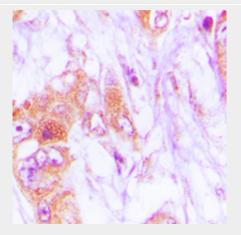
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-CDKL4 Antibody - Images

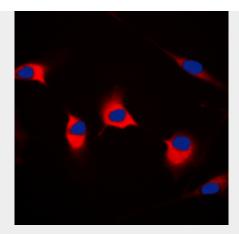


Western blot analysis of CDKL4 expression in HEK293T (A), A549 (B), mouse testis (C), mouse spleen (D), rat testis (E), rat spleen (F) whole cell lysates.



Immunohistochemical analysis of CDKL4 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.





Immunofluorescent analysis of CDKL4 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Anti-CDKL4 Antibody - Background

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