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# Anti-CDKL1 Antibody

**Rabbit polyclonal antibody to CDKL1**

**Catalog # AP60440**

## Specification

### Anti-CDKL1 Antibody - Product Information

| | |
|---|---|
| Application | **WB, IHC** |
| Primary Accession | Q00532 |
| Other Accession | Q8CEQ0 |
| Reactivity | **Human, Mouse** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **41701** |

### Anti-CDKL1 Antibody - Additional Information

**Gene ID** 8814

**Other Names**
Cyclin-dependent kinase-like 1; Protein kinase p42 KKIALRE; Serine/threonine-protein kinase KKIALRE

**Target/Specificity**
Recognizes endogenous levels of CDKL1 protein.

**Dilution**
WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)
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-CDKL1 Antibody - Protein Information

**Name** CDKL1 (HGNC:1781)

**Cellular Location**
Cytoplasm. Nucleus

**Tissue Location**
Highly expressed in kidney, and to a lower extent in ovary.

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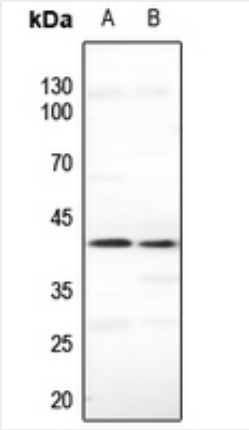
## Anti-CDKL1 Antibody - Protocols

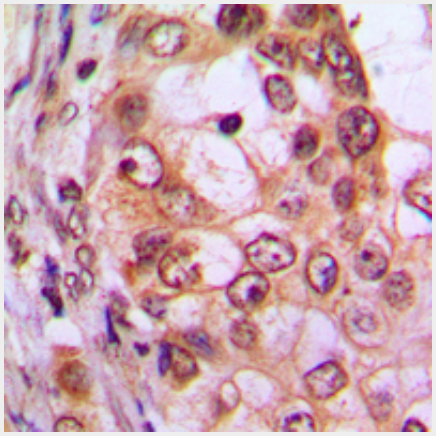
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Anti-CDKL1 Antibody - Images




Western blot analysis of CDKL1 expression in HEK293T (A), Hela (B) whole cell lysates.



Immunohistochemical analysis of CDKL1 staining in human breast 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.

## Anti-CDKL1 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CDKL1. The exact sequence is proprietary.