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# Anti-CDKL1 Antibody

Catalog # AP60440

## Product Information

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

## Additional Information

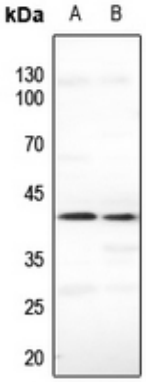
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|---|---|
| **Gene ID** | 8814 |
| **Other Names** | Cyclin-dependent kinase-like 1; Protein kinase p42 KKIALRE; Serine/threonine-protein kinase KKIALRE |
| **Target/Specificity** | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CDKL1. The exact sequence is proprietary. |
| **Dilution** | WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) |
| **Format** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

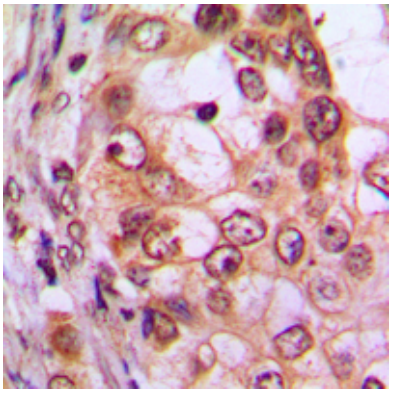
## Protein Information

| | |
|---|---|
| **Name** | CDKL1 ( HGNC:1781) |
| **Cellular Location** | Cytoplasm. Nucleus |
| **Tissue Location** | Highly expressed in kidney, and to a lower extent in ovary. |

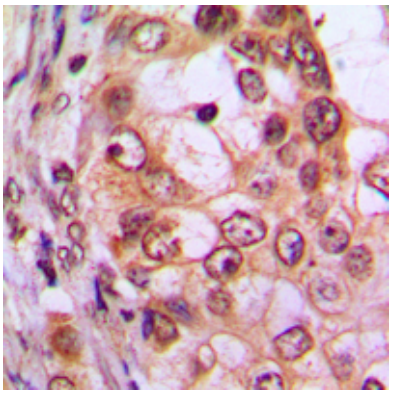
## Images

Western blot analysis of CDKL1 expression in HEK293T (A), Hela (B) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 42 kD)



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.



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.