

## Rabbit CDKL2 Polyclonal Antibody | anti-CDKL2 antibody

CDKL2 Antibody (Center)

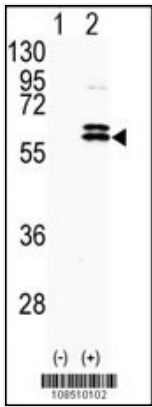
| CATALOG # | HOST   | REACTIVITY                           | APPLICATIONS        |
|-----------|--------|--------------------------------------|---------------------|
| AAA288256 | Rabbit | Human (Predicted Reactivity: Monkey) | ELISA, Western Blot |

### PRODUCT SYNONYMS

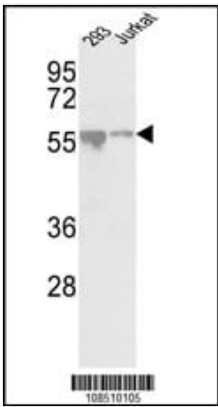
CDKL2; Polyclonal Antibody; CDKL2 Antibody (Center); Cyclin-dependent kinase-like 2; Protein kinase p56 KKIAMRE; Serine/threonine-protein kinase KKIAMRE; anti-CDKL2 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                    |
| Reactivity                                      | Human (Predicted Reactivity: Monkey)                                                                                                                                                      |
| Clonality                                       | Polyclonal                                                                                                                                                                                |
| Isotype                                         | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                     | This CDKL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 226-255 amino acids from the Central region of human CDKL2.                       |
| Purity/Purification                             | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                   | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                              | 226-255                                                                                                                                                                                   |
| Sequence Length                                 | 493                                                                                                                                                                                       |
| Applicable Applications for anti-CDKL2 antibody | ELISA, WB (Western Blot)                                                                                                                                                                  |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                  | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |



**WB (Western Blot)**  
Western blot analysis of CDKL2 (arrow) using rabbit polyclonal CDKL2 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CDKL2 gene (Lane 2) (Origene Technologies).



**WB (Western Blot)**  
Western blot analysis of CDKL2 Center in 293, Jurkat cell line lysates (35ug/lane). CDKL2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CDKL2 antibody | CDKL2 is a member of a large family of CDC2-related serine/threonine protein kinases. It accumulates primarily in the cytoplasm, with a lower level in the nucleus. |
| Product Categories/Family for anti-CDKL2 antibody   | Signal Transduction                                                                                                                                                 |
| References                                          | Taglienti, C.A., et al., Oncogene 13(12):2563-2574 (1996).                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 4505569                                              |
| NCBI GeneID                      | 8999                                                 |
| NCBI Accession #                 | NP_003939.1                                          |
| NCBI GenBank Nucleotide #        | NM_003948.3                                          |
| UniProt Accession #              | Q92772; B2R695                                       |
| Molecular Weight                 | 56019                                                |
| NCBI Official Full Name          | cyclin-dependent kinase-like 2                       |
| NCBI Official Synonym Full Names | cyclin-dependent kinase-like 2 (CDC2-related kinase) |
| NCBI Official Symbol             | CDKL2                                                |
| NCBI Official Synonym Symbols    | P56; KKIAMRE                                         |
| NCBI Protein Information         | cyclin-dependent kinase-like 2                       |
| UniProt Protein Name             | Cyclin-dependent kinase-like 2                       |
| UniProt Gene Name                | CDKL2                                                |
| UniProt Entry Name               | CDKL2_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.