



# CDK16 Antibody

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA017648ESR2HU                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Uniprot No.</b>         | Q00536                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen</b>           | Recombinant Human Cyclin-dependent kinase 16 protein (277-496AA)                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species Reactivity</b>  | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Tested Applications</b> | ELISA, WB, IHC; Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Relevance</b>           | Protein kinase that plays a role in vesicle-mediated transport processes and exocytosis. Regulates GH1 release by brain neurons. Phosphorylates NSF, and thereby regulates NSF oligomerization. Required for normal spermatogenesis. Regulates neuron differentiation and dendrite development (By similarity). Plays a role in the regulation of insulin secretion in response to changes in blood glucose levels. Can phosphorylate CCNY at '\Ser-336\' (in vitro). |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Conjugate</b>           | Non-conjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage Buffer</b>      | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purification Method</b> | Antigen Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Alias</b>               | Cyclin-dependent kinase 16 (EC 2.7.11.22) (Cell division protein kinase 16) (PCTAIRE-motif protein kinase 1) (Serine/threonine-protein kinase PCTAIRE-1), CDK16, PCTAIRE1 PCTK1                                                                                                                                                                                                                                                                                       |
| <b>Species</b>             | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Research Area</b>       | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Target Names</b>        | CDK16                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Image



### Western blot

All lanes: CDK16 antibody at 5µg/ml

Lane 1: Mouse brain tissue

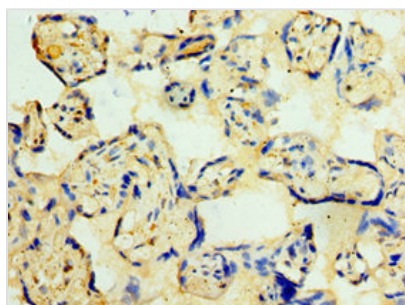
Lane 2: Mouse small intestine tissue

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 56, 64, 57 kDa

Observed band size: 56 kDa



Immunohistochemistry of paraffin-embedded human placenta tissue using CSB-PA017648ESR2HU at dilution of 1:100