

CDK5 Rabbit Polyclonal Antibody



CAB5730

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

30kDa

Calculated MW:

29kDa/33kDa

Applications:

WB IF IP

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:10 -
1:100 IP 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a proline-directed serine/threonine kinase that is a member of the cyclin-dependent kinase family of proteins. Unlike other members of the family, the protein encoded by this gene does not directly control cell cycle regulation. Instead the protein, which is predominantly expressed at high levels in mammalian postmitotic central nervous system neurons, functions in diverse processes such as synaptic plasticity and neuronal migration through phosphorylation of proteins required for cytoskeletal organization, endocytosis and exocytosis, and apoptosis. In humans, an allelic variant of the gene that results in undetectable levels of the protein has been associated with lethal autosomal recessive lissencephaly-7. Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:

1020

Uniprot

Q00535

Synonyms:

CDK5; LIS7; PSSALRE

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-292 of human CDK5 (NP_004926.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images

