

## CDK5 Rabbit mAb

Catalog No: #58781

Package Size: #58781-1 50ul #58781-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

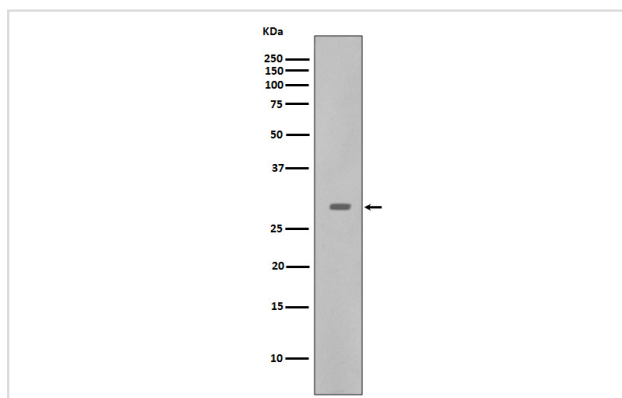
## Description

Product Name	CDK5 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC IP FC
Species Reactivity	Human Mouse Rat
Specificity	CDK5 Antibody detects endogenous levels of total Cdk5
Immunogen Description	A synthesized peptide derived from human Cdk5
Other Names	CDK5; CRK6; Cell division protein kinase 5; EC 2.7.11.22; PSSALRE; TAU protein kinase II catalytic subunit; TPKII catalytic subunit; Tau protein kinase II catalytic subunit; kinase Cdk5;
Accession No.	Uniprot:Q00535
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

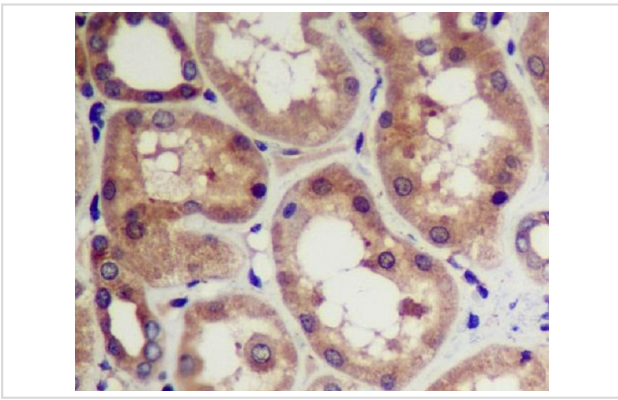
## Application Details

WB 1:1000~1:5000 IHC 1:50~1:200 IP 1:50 FC 1:50

## Images



Western blot analysis of CDK5 expression in HeLa cell lysate.



Immunohistochemical analysis of paraffin-embedded human kidney, using CDK5 Antibody .

## Product Description

Activated by cyclins but by p35 (CDK5R1) and p39. An important regulator of neuronal positioning during brain development. May also play a role in synaptogenesis and neurotransmission. Substrates include TAU, MAP2, NF-H and -M, Nudel, PDE6, beta-catenin, amphiphysin, dynamin I, synapsin 1, Munc-18, and NMDA receptor 2A. Plays a role in myogenesis, haematopoietic cell differentiation, spermatogenesis, insulin secretion, and lens differentiation.

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**Note:** This product is for in vitro research use only