

Product datasheet for **TA363806**

CDK5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CDK5
Specificity:	Expected reactivity: Cow, Horse, Human, Mouse, Pig, Rat, Sheep, Zebrafish Homology: Cow: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	33kDa
Gene Name:	cyclin-dependent kinase 5
Database Link:	NP_004926 Entrez Gene 1020 Human Q00535
Background:	CDK5 is probably involved in the control of the cell cycle. It interacts with D1 and D3-type G1 cyclins. The protein can phosphorylate histone H1, tau, MAP2 and NF-H and NF-M. And it is also thought to interact with p35 which activates the kinase.
Synonyms:	PSSALRE

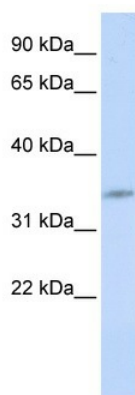


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Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Alzheimer's disease, Axon guidance

Product images:



WB Suggested Anti-CDK5 Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: 721_B cell lysate CDK5 is supported by BioGPS gene expression data to be expressed in 721_B



Rabbit Anti-CDK5 antibody
Catalog Number: AVARP03025
Formalin Fixed Paraffin Embedded Tissue:
Human Colon
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec