

Datasheet for ABIN2779299
anti-CDK5R1 antibody (C-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	CDK5R1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK5R1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	EAFWDRCLSV INLMSSKMLQ INADPHYFTQ VFSDLKNESG QEDKKRLLLG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Cdk5r1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CDK5R1
Alternative Name:	Cdk5r1 (CDK5R1 Products)
Target Type:	Viral Protein
Background:	P35 is a neuron specific activator of CDK5. The complex p35/CDK5 is required for neurite

Target Details

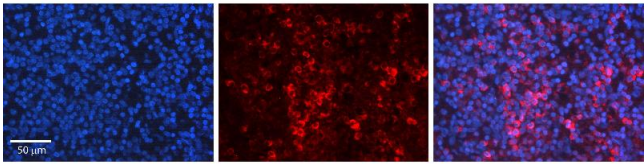
	outgrowth and cortical lamination. Cdk5r1 is an activator of TPKII. Alias Symbols: Cdk5r, D11Bwg0379e, p25, p35 Protein Interaction Partner: Cdk5, Suds3, Cdk16, Protein Size: 307
Molecular Weight:	34 kDa
Gene ID:	12569
NCBI Accession:	NM_009871 , NP_034001
UniProt:	P61809
Pathways:	Stem Cell Maintenance , Regulation of Cell Size , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 307 AA
Restrictions:	For Research Use only

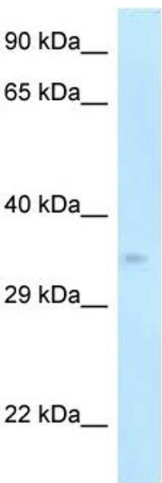
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.



Immunohistochemistry

Image 1. Rabbit Anti-CDK5R1 Antibody Catalog Number: ARP30200_P050 Formalin Fixed Paraffin Embedded Tissue: Human Lymph Node Tissue Observed Staining: Cytoplasm Primary Antibody Concentration: 1:600 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec



Western Blotting

Image 2. WB Suggested Anti-Cdk5r1 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Pancreas