

Product datasheet

Anti-Cdk5 antibody ab6543

Overview

Product name	Anti-Cdk5 antibody
Description	Rabbit polyclonal to Cdk5
Host species	Rabbit
Specificity	No reaction is observed against other related cyclin dependent kinases (from human, rat and mouse).
Tested applications	Suitable for: WB, IP, ELISA
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide (Human) conjugated to KLH.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.60 Preservative: 0.01% Sodium azide
Purity	Whole antiserum
Purification notes	Sterile filtered
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab6543** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		
IP		

Application	Abreviews	Notes
ELISA		
Application notes	ELISA (1:500 to 1:2000), immunoprecipitation, immunoblotting (1:500) and other immunological methods requiring high titer and specificity. Predicted molecular weight: 33 kDa.	
Target		
Function	Probably involved in the control of the cell cycle. Interacts with D1 and D3-type G1 cyclins. Can phosphorylate histone H1, tau, MAP2 and NF-H and NF-M. Also interacts with p35 which activates the kinase.	
Sequence similarities	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily. Contains 1 protein kinase domain.	
Cellular localization	Cytoplasm. Cell projection > lamellipodium. Cell projection > growth cone. In axonal growth cone with extension to the peripheral lamellipodia.	

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