

DYRK2 Polyclonal Antibody

Catalog NumberPA5-21125

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	1-2 µg/mL
Type	Antibody	Immunocytochemistry (ICC/IF)	10 µg/mL
Immunogen	An 18 amino acid peptide near the carboxy terminus of human DYRK2.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is 293 cell lysate. PA5-21125 can be used with blocking peptide PEP-1239.

Background/Target Information

DYRK2 (also known as dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2) belongs to a family of protein kinases whose members are presumed to be involved in cellular growth and/or development and is defined by structural similarity of their kinase domains and their capability to autophosphorylate on tyrosine residues. DYRK2 expressed in E. coli demonstrated tyrosine autophosphorylation and catalyzed phosphorylation of histones H3 and H2B in vitro. DYRK2 also regulates p53 to induce apoptosis in response to DNA damage.

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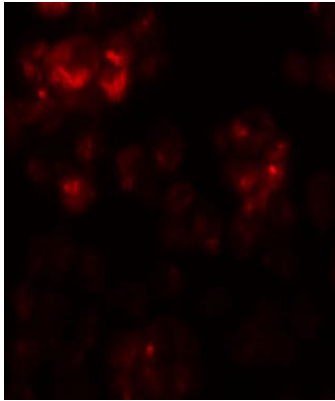
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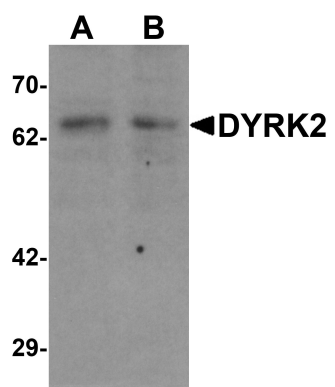
Product Images For DYRK2 Polyclonal Antibody



DYRK2 Antibody (PA5-21125) in ICC/IF
Immunocytochemistry of DYRK2 in 293 cells with DYRK2 Polyclonal Antibody (Product # PA5-21125) at 10 µg/mL.



DYRK2 Antibody (PA5-21125) in ICC/IF
Immunofluorescence of DYRK2 in 293 cells with DYRK2 Polyclonal Antibody (Product # PA5-21125) at 20 µg/mL.



DYRK2 Antibody (PA5-21125) in WB
Western Blot analysis of DYRK2 in 293 cell lysate with DYRK2 Polyclonal Antibody (Product # PA5-21125) at (A) 1 and (B) 2 µg/mL.

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