

DAPK2 Polyclonal Antibody

Catalog NumberPA5-19961

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (IHC)	2 µg/mL
Type	Antibody	Western Blot (WB)	1 µg/mL
Immunogen	A peptide corresponding to amino acids near the carboxy terminus of human DAPK2	* 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

This antibody will not cross-react with DAPK1. In Western blot applications, this antibody detects a band at ~42kDa. A suggested positive control is A431 cell lysate. PA5-19961 can be used with blocking peptide PEP-0086.

Background/Target Information

DAPK2 is a calcium/calmodulin-dependent kinase that acts as a positive regulator of apoptosis, and is expressed in many tissue types. DAPK2 encodes a protein that belongs to the serine/threonine protein kinase family. This protein contains a N-terminal protein kinase domain followed by a conserved calmodulin-binding domain with significant similarity to that of death-associated protein kinase 1 (DAPK1), a positive regulator of programmed cell death. Overexpression of this gene was shown to induce cell apoptosis. It uses multiple polyadenylation sites.

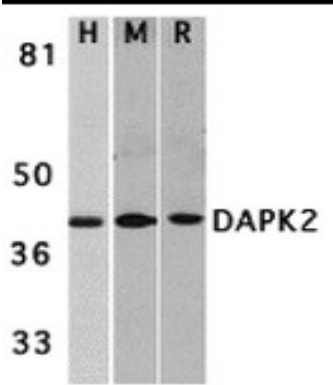
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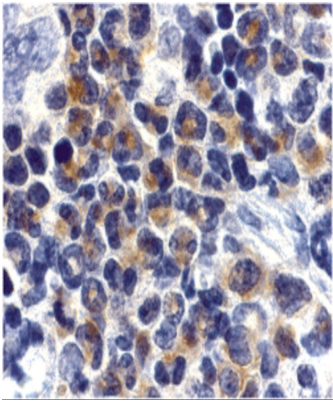
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Product Images For DAPK2 Polyclonal Antibody



DAPK2 Antibody (PA5-19961) in WB
Western Blot analysis of DAPK2 in A431 (H), mouse spleen (M), and rat kidney (R) lysates with DAPK2 Polyclonal Antibody (Product # PA5-19961) at 1 µg/mL.



DAPK2 Antibody (PA5-19961) in IHC
Immunohistochemistry of DAPK2 in mouse spleen cells with DAPK2 Polyclonal Antibody (Product # PA5-19961) at 2 µg/mL.

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