

APC2 Polyclonal Antibody

Catalog NumberPA5-20944

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Published species	Mouse, Not Applicable
Class	Polyclonal	Tested Applications	
Type	Antibody	Western Blot (WB)	1-2 µg/mL
Immunogen	An 18 amino acid peptide near the center of human APC2.	Immunocytochemistry (ICC/IF)	5 µg/mL
Conjugate	Unconjugated	<div>* 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.</div>	
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 Hela cell lysate. PA5-20944 can be used with blocking peptide PEP-1058.

Background/Target Information

Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC2 is a highly conserved component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. APC/C is responsible for degrading anaphase inhibitors, mitotic cyclins, and spindle-associated proteins ensuring that events of mitosis take place in proper sequence. The individual APC/C components mRNA and protein levels are expressed at approximately the same levels in most tissues and cell lines, suggesting that they perform their functions as part of a complex. Like APC11, APC2 contains cullin and RING finger domains that are thought to be important in regulating ubiquitination activity.

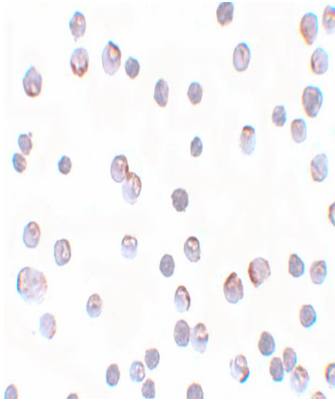
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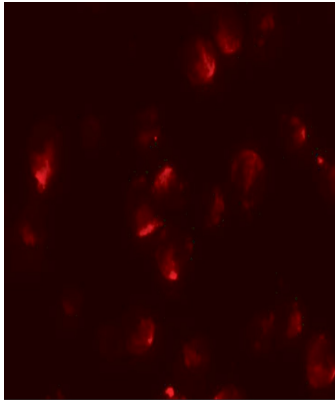
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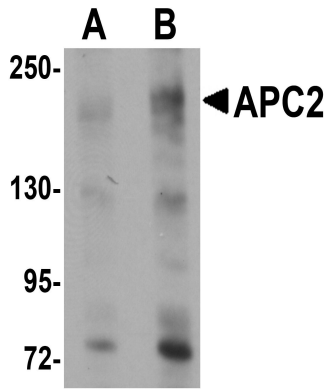
Product Images For APC2 Polyclonal Antibody



APC2 Antibody (PA5-20944) in ICC/IF
Immunocytochemistry of APC2 in HeLa cells with APC2 Polyclonal Antibody (Product # PA5-20944) at 5 µg/mL.



APC2 Antibody (PA5-20944) in ICC/IF
Immunofluorescence of APC2 in HeLa cells with APC2 Polyclonal Antibody (Product # PA5-20944) at 20 µg/mL.



APC2 Antibody (PA5-20944) in WB
Western Blot analysis of APC2 in HeLa cell lysate with APC2 Polyclonal Antibody (Product # PA5-20944) at (A) 1 and (B) 2 µg/mL.

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