

## Anti-Pericentrin Rabbit pAb



WL02554

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-Pericentrin Rabbit pAb		
<b>Source</b>	Rabbit		
<b>Species reactivity</b>	Human, Mouse, Rat		
<b>Tested applications</b>	Western blot	1:500-1:1000	
	Immunohistochemistry	1:200-1:600	
<b>Cellular localization</b>	Cytoplasm. Cytoskeleton. Microtubule organizing center. Centrosome.		
<b>Pack size</b>	50/100/200/500/1000µl		
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>		
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

## General Information

<b>Background</b>	Pericentrin encoded by this gene is expressed in the cytoplasm and centrosome throughout the cell cycle, and to a lesser extent, in the nucleus. It is an integral component of the PCM, which is a centrosome scaffold that anchors microtubule nucleating complexes and other centrosomal proteins. Pericentrin is highly abundant in skeletal muscle, indicating that it may be involved in muscle insulin action. Pericentrin is also involved in neuronal development through its interaction with DISC1 to regulate microtubule organization.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Pericentrin.
<b>Purification</b>	Polyclonal antibody was purified by immunogen affinity chromatography.

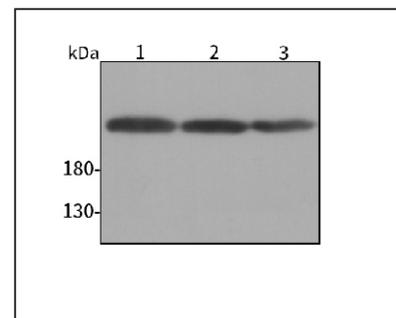
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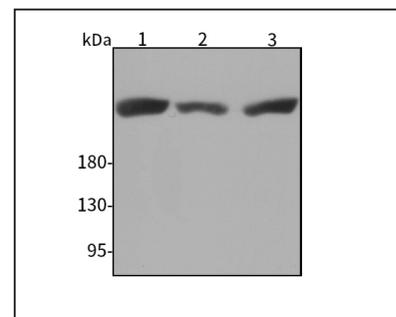
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## Product Images



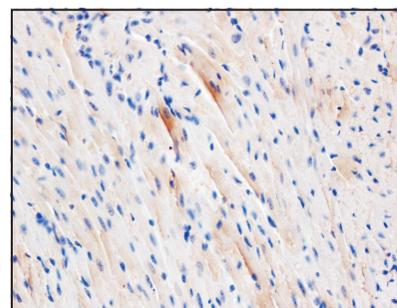
## Western blot-Anti-Pericentrin pAb

Lane 1: Human HEK293 cell lysate  
 Lane 2: Human THP-1 cell lysate  
 Lane 3: Human Hela cell lysate  
 All lanes: Anti-Pericentrin at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 378 kDa



## Western blot-Anti-Pericentrin pAb

Lane 1: Mouse colon tissue lysate 30µg  
 Lane 2: Mouse liver tissue lysate 30µg  
 Lane 3: Rat kidney tissue lysate 30µg  
 All lanes: Anti-Pericentrin at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 378 kDa



## Immunohistochemistry-Anti-Pericentrin pAb

Sample: Mouse heart (LPS treated) tissue  
 Antigen retrieval: pH 9.0 Tris-EDTA buffer  
 Primary antibody: 1:300, 4°C, overnight  
 Secondary antibody-Biotin: 1:150, 37°C, 1h  
 Streptavidin-HRP: 1:200, 37°C, 30min  
 Color Developing: DAB