

## Anti-Pan cadherin Rabbit pAb



WL03295

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-Pan cadherin Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	Western blot	1:1000-1:2000
	<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>	
<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

**Background**

Cadherins are members of a multigene family of single chain glycoprotein receptors mediating calcium dependent cell-cell adhesion, which play important role in the growth and development of cells via the mechanisms of control of tissue architecture and the maintenance of tissue integrity. And cadherins play important role in tumor invasion and metastasis. Individual cadherin molecules are known to co-operate with each other to form a linear cell adhesion zipper. In adhesion junctions cadherins are bound to beta and gamma catenins which in turn bind to alpha catenin, an actin binding protein.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Pan cadherin.

**Purification**

Polyclonal antibody was purified by Protein A affinity chromatography.

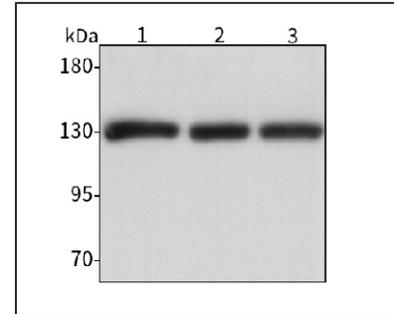
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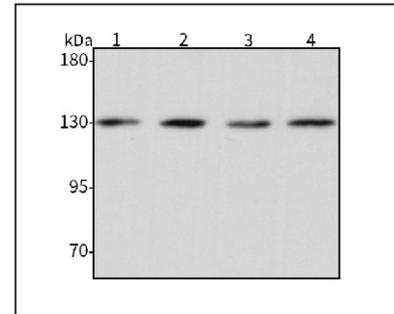
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## Product Images



## Western blot-Anti-Pan cadherin pAb

Lane 1: Human Calu3 cell lysate  
 Lane 2: Human CAL-27 cell lysate  
 Lane 3: Human BxPC-3 cell lysate  
 All lanes: Anti-Pan-cadherin at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 97 kDa  
 Observed band size: 130 kDa



## Western blot-Anti-Pan cadherin pAb

Lane 1: Mouse colon tissue lysate  
 Lane 2: Mouse skin tissue lysate  
 Lane 3: Rat colon tissue lysate  
 Lane 4: Rat skin tissue lysate  
 All lanes: Anti-Pan-cadherin at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 97 kDa  
 Observed band size: 130 kDa