

Anti-Vinculin Rabbit pAb



WL03922

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Vinculin Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	Western blot	1:500-1:1000	
	Immunohistochemistry	1:100-1:400	
	Immunofluorescence	1:100-1:400	
Cellular localization	Cell junction, Cell membrane, Cell projection, Cytoplasm, Cytoskeleton.		
Pack size	50/100/200/500/1000µl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	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

Vinculin is a cytoskeletal protein associated with cell-cell and cell-matrix junctions, where it is thought to function as one of several interacting proteins involved in anchoring F-actin to the membrane. Focal adhesions are identified as areas within the plasma membrane of tissue culture cells that adhere tightly to the underlying substrate. Actin filament (F-actin)-binding protein involved in cell-matrix adhesion and cell-cell adhesion. Regulates cell-surface E-cadherin expression and potentiates mechanosensing by the E-cadherin complex. May also play important roles in cell morphology and locomotion.

Immunogen

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

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

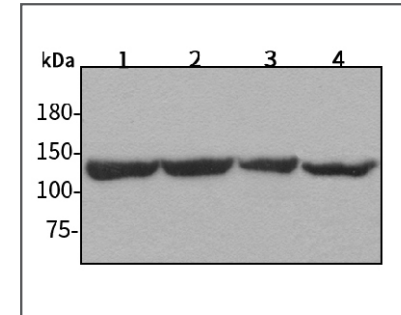
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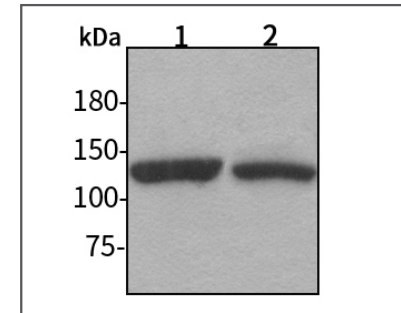
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Product Images



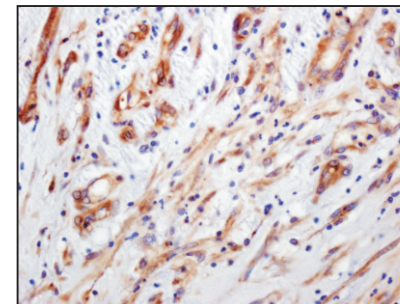
Western blot-Anti-Vinculin pAb

Lane 1: Human HeLa cell lysate
 Lane 2: Human MCF-7 cell lysate
 Lane 3: Human A549 cell lysate
 Lane 4: Human SW480 cell lysate
 All lanes: Anti-Vinculin at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane
 Predicted band size: 124 kDa
 Observed band size: 124 kDa



Western blot-Anti-Vinculin pAb

Lane 1: Mouse lung tissue lysate
 Lane 2: Rat stomach tissue lysate
 All lanes: Anti-Vinculin at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane
 Predicted band size: 124 kDa
 Observed band size: 124 kDa



Immunohistochemistry-Anti-Vinculin pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-Vinculin Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

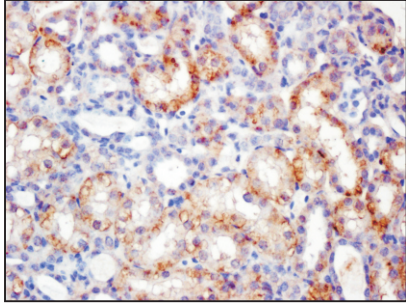
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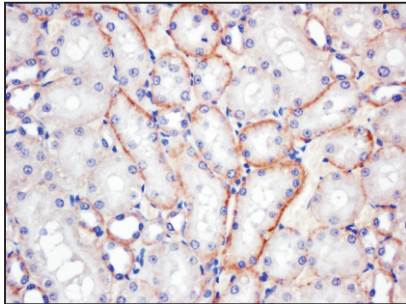
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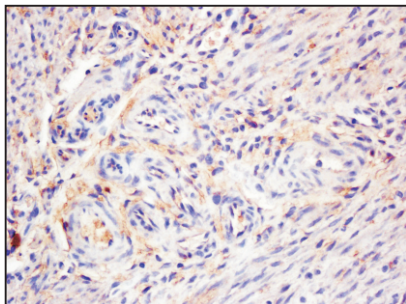
Immunohistochemistry-Anti-Vinculin pAb

Immunohistochemical analysis of paraffin-embedded mouse kidney using anti-Vinculin Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-Vinculin pAb

Immunohistochemical analysis of paraffin-embedded rat kidney using anti-Vinculin Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-Vinculin pAb

Immunohistochemical analysis of paraffin-embedded rat uterus using anti-Vinculin Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

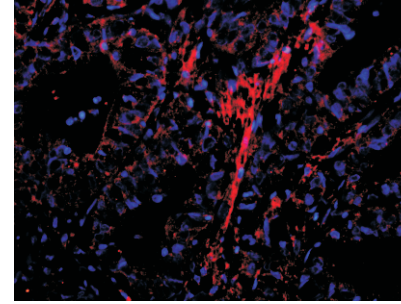
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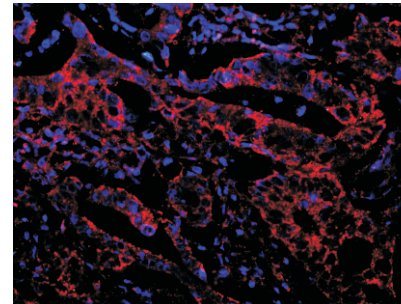
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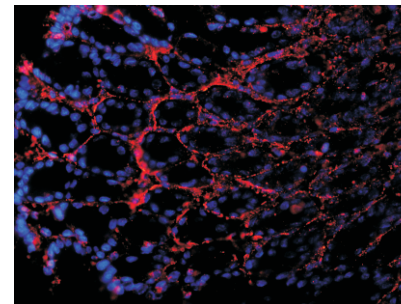
Immunofluorescence-Anti-Vinculin pAb

Immunofluorescence analysis of paraffin-embedded human kidney cancer using anti-Vinculin Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Vinculin pAb

Immunofluorescence analysis of paraffin-embedded human colon cancer using anti-Vinculin Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Vinculin pAb

Immunofluorescence analysis of paraffin-embedded mouse stomach using anti-Vinculin Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

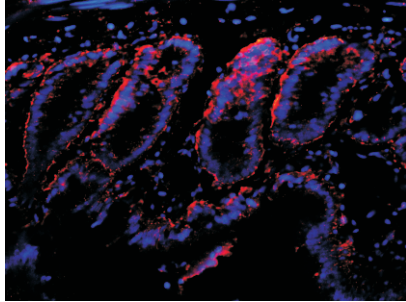


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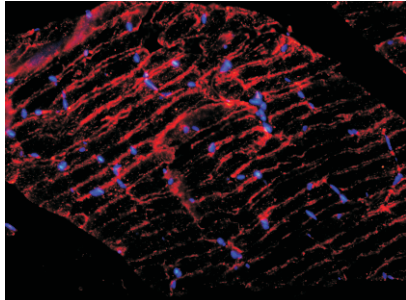
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Immunofluorescence-Anti-Vinculin pAb

Immunofluorescence analysis of paraffin-embedded rat intestine using anti-Vinculin Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Vinculin pAb

Immunofluorescence analysis of paraffin-embedded rat muscle using anti-Vinculin Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0