

Anti-PDLIM3 Rabbit pAb



WL02488

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-PDLIM3 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	Western blot	1:500-1:1000
	Immunohistochemistry	1:150
	<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>	
Molecular Wt.	39kDa	
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 ALP (actinin-associated LIM protein), also known as PDLIM3 (PDZ and LIM domain protein 3) is a 364 amino acid protein that contains one LIM zinc-binding domain and one PDZ domain and localizes to the cytoplasm, as well as to myofiber Z-lines. This gene is found near a region of chromosome 4 that has been implicated in facioscapulohumeral muscular dystrophy, but this gene does not appear to be involved in the disease. Two transcript variants encoding different isoforms have been found for this gene.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of PDLIM3.

Purification Polyclonal antibody was purified by immunogen affinity chromatography.

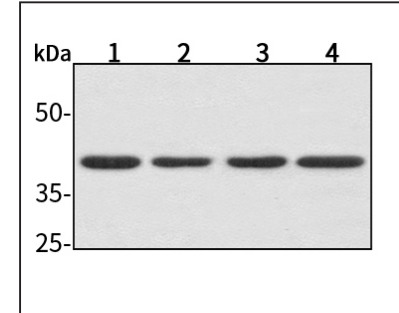
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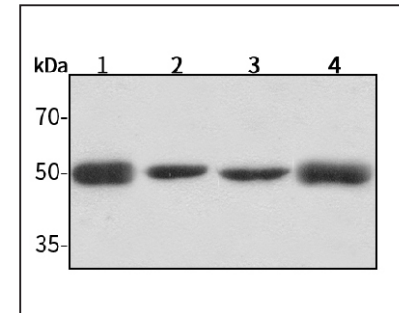
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Product Images



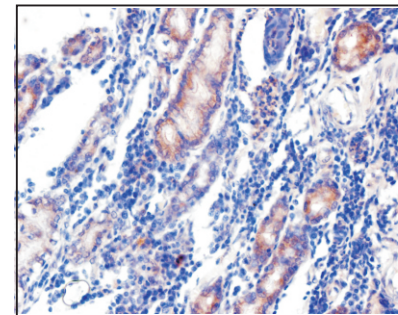
Western blot-Anti-PDLIM3 pAb

Lane 1: Human HeLa cell lysate 30µg
 Lane 2: Human MGC-803 cell lysate 30µg
 Lane 3: Human SGC-7901 cell lysate 30µg
 Lane 4: Human MCF-7 cell lysate 30µg
 Separation gel: 11% polyacrylamide
 Electrophoresis: 100V, 4°C, 3h
 Transmembrane: 100V, 4°C, 1h
 Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min
 Visualization: ECL, 30s-2min



Western blot-Anti-PDLIM3 pAb

Lane 1: Mouse kidney tissue lysate 30µg
 Lane 2: Mouse heart tissue lysate 30µg
 Lane 3: Rat lung tissue lysate 30µg
 Lane 4: Rat stomach tissue lysate 30µg
 Separation gel: 11% polyacrylamide
 Electrophoresis: 100V, 4°C, 3h
 Transmembrane: 100V, 4°C, 1h
 Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min
 Visualization: ECL, 30s-2min



Immunohistochemistry-Anti-PDLIM3 pAb

Sample: Human colon cancer tissue
 Antigen retrieval: pH 9.0 Tris-EDTA buffer
 Primary antibody: 1:150, 4°C, overnight
 Secondary antibody-Biotin: 1:150, 37°C, 1h
 Streptavidin-HRP: 1:200, 37°C, 30min
 Color Developing: DAB

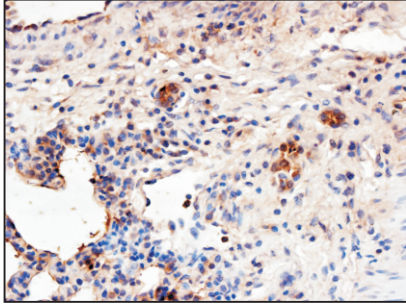
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Immunohistochemistry-Anti-PDLIM3 pAb

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