

Anti-Wnt5a Rabbit pAb



WL02186

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Wnt5a Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WC	1:1000-1:2000	
	IHC	1:500	
	IF	1:500	
Cellular localization	Secreted , extracellular space , extracellular matrix		
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

The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene encodes a member of the WNT family that signals through both the canonical and non-canonical WNT pathways. Northern blot analysis detects expression of Wnt-5a in brain, lung, and heart. Human frizzled-5 is the receptor for the Wnt-5a ligand. It is suggested that Wnt-5a augments primitive hematopoietic development in vivo and functions as a regulator of hematopoietic stem cell function.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Wnt5a.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

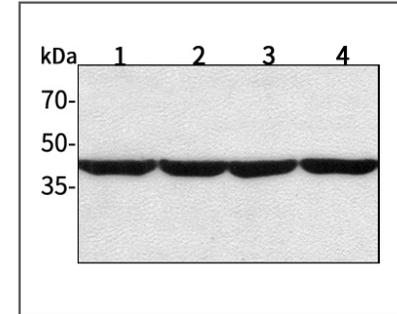
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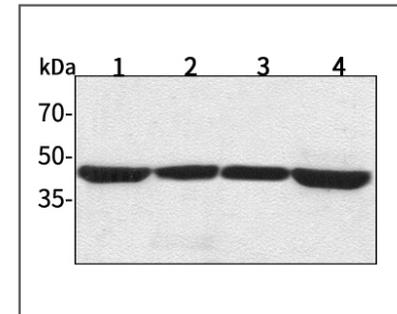
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Product Images



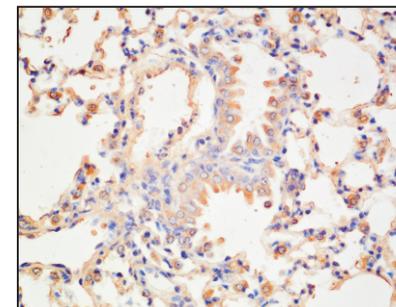
Western blot-Anti-Wnt5a pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-Wnt5a at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 42 kDa
 Observed band size: 45 kDa



Western blot-Anti-Wnt5a pAb

Lane 1: Mouse kidney tissue lysate
 Lane 2: Mouse heart tissue lysate
 Lane 3: Rat liver tissue lysate
 Lane 4: Rat brain tissue lysate
 All lanes: Anti-Wnt5a at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 42 kDa
 Observed band size: 45 kDa



Immunohistochemistry-Anti-Wnt5a pAb

Immunohistochemical analysis of paraffin-embedded mouse lung using anti-Wnt5a Rabbit Antibody at 1:500 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

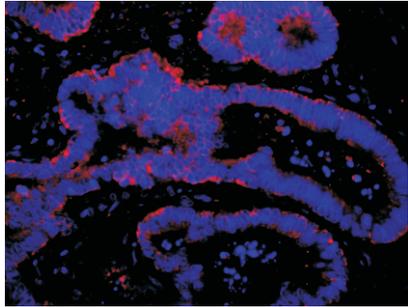
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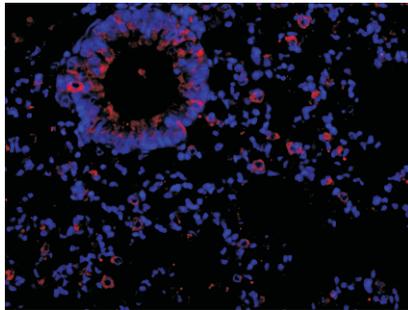
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Immunofluorescence-Anti-Wnt5a pAb

Immunofluorescence analysis of paraffin-embedded human rectum cancer using anti-Wnt5a Rabbit Antibody at 1:500 dilution.

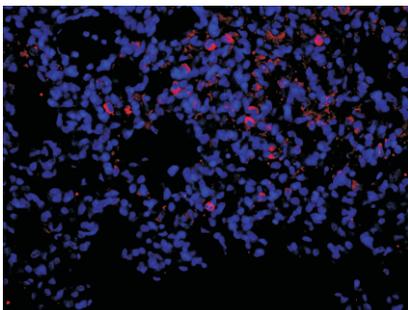
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Wnt5a pAb

Immunofluorescence analysis of paraffin-embedded mouse lung using anti-Wnt5a Rabbit Antibody at 1:500 dilution.

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



Immunofluorescence-Anti-Wnt5a pAb

Immunofluorescence analysis of paraffin-embedded rat lung using anti-Wnt5a Rabbit Antibody at 1:500 dilution.

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