

Anti-Wnt7a/b Rabbit pAb



WLB0024

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Wnt7a/b Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC, IF	1:50-1:400
Cellular localization	Extracellular matrix, Secreted.	
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 encodes and secretes signaling molecules that play important roles in embryonic development, including dorsal and ventral patterns in limb development, skeletal development, and urogenital development. They are also required for central nervous system (CNS) angiogenesis and blood-brain barrier regulation. Wnt7a, as an oncogenic autocrine glycoprotein, promotes tumor invasion and distant metastasis of cancer associated fibroblasts. Wnt7b is necessary for endothelial cells derived from pluripotent stem cells to acquire blood-brain barrier properties and may play an important role in the development of human myopia.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Wnt7a/b.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

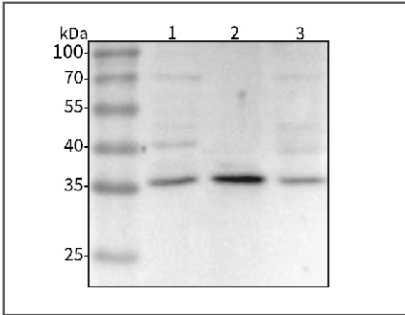
Anti-Wnt7a/b Rabbit pAb



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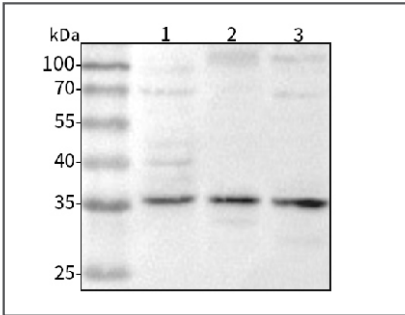
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Product Images



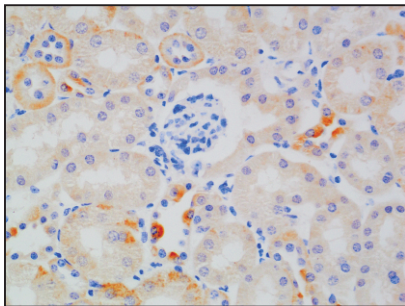
Western blot-Anti-Wnt7a/b pAb

Lane 1: Human HCT116 cell lasate
Lane 2: Human HEK293 cell lasate
Lane 3: Human HUVEC cell lasate
All lanes: Anti-Wnt7a/b at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 39 kDa
Observed band size: 30-39 kDa



Western blot-Anti-Wnt7a/b pAb

Lane 1: Rat kidney tissue lasate
Lane 2: Mouse kidney tissue lasate
Lane 3: Mouse uterus tissue lasate
All lanes: Anti-Wnt7a/b at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 39 kDa
Observed band size: 30-39 kDa



Immunohistochemistry-Anti-Wnt7a/b pAb

Immunohistochemical analysis of paraffin-embedded mouse kidney using anti-Wnt7a/b Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

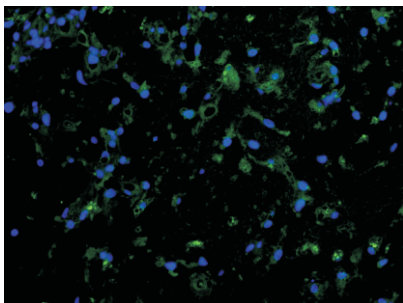


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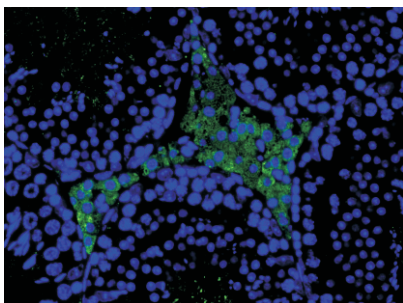
Product Information



Immunofluorescence-Anti-Wnt7a/b pAb

Immunofluorescence analysis of paraffin-embedded human brain glioma using anti-Wnt7a/b Rabbit Antibody at 1:100 dilution.

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



Immunofluorescence-Anti-Wnt7a/b pAb

Immunofluorescence analysis of paraffin-embedded mouse testis using anti-Wnt7a/b Rabbit Antibody at 1:100 dilution.

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