

Anti-Angiopoietin 2/ANG2 Rabbit pAb



WLR0166

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Angiopoietin 2/ANG2 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:500
Cellular localization	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	Angiopoietin-2 (ANG2) is a growth factor belonging to the angiopoietin/TIE (with IG and EGF homology domains), which is one of the main pathways involved in angiogenesis. Angiopoietin-2 is a natural antagonist of TIE2, which disrupts angiogenesis in the body. In adult mice and humans, angiopoietin-2 is only expressed at the site of vascular remodeling. Angiogenesis 2 is upregulated in various inflammatory diseases and is associated with direct control of signaling pathways related to inflammation. The encoded protein can affect angiogenesis during embryonic and tumor development, disrupt the vascular remodeling ability of angiopoietin 1, and may induce endothelial cell apoptosis.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Angiopoietin 2/ANG2.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

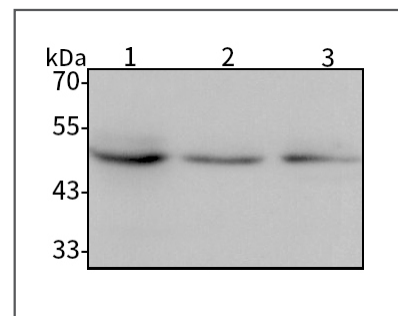
Anti-Angiopoietin 2/ANG2 Rabbit pAb



WLR0166

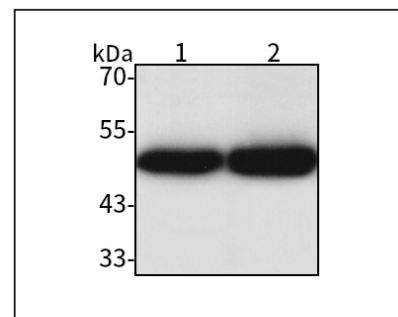
For Research Use Only. Not For Use In Diagnostic Procedures

Product Images



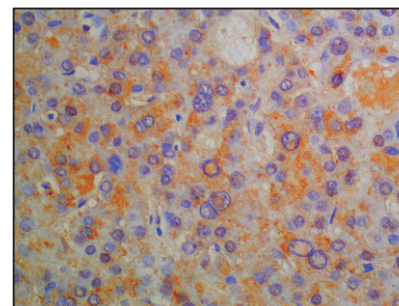
Western blot-Anti-Angiopoietin 2/ANG2 pAb

Lane 1: Human THP-1 cell lysate
 Lane 2: Human Jurkat cell lysate
 Lane 3: Human HUVEC cell lysate
 All lanes: Anti-Angiopoietin 2/ANG2 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 57 kDa
 Observed band size: 50 kDa



Western blot-Anti-Angiopoietin 2/ANG2 pAb

Lane 1: Mouse plasma lysate
 Lane 2: Rat plasma tissue lysate
 All lanes: Anti-Angiopoietin 2/ANG2 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 57 kDa
 Observed band size: 50 kDa



Immunohistochemistry-Anti-Angiopoietin 2/ANG2 pAb

Immunohistochemical analysis of paraffin-embedded human liver cancer using anti-Angiopoietin 2/ANG2 Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

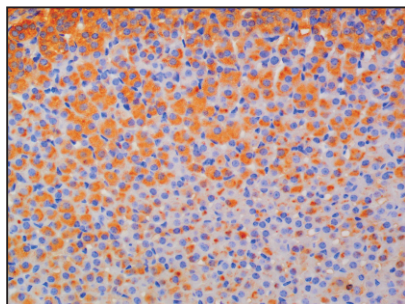
Anti-Angiopoietin 2/ANG2 Rabbit pAb



WLR0166

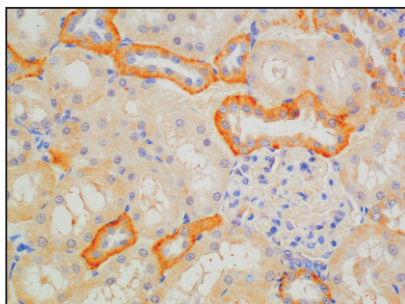
For Research Use Only. Not For Use In Diagnostic Procedures

Product Information



Immunohistochemistry-Anti-Angiopoietin 2/ANG2 pAb

Immunohistochemical analysis of paraffin-embedded mouse adrenal gland using anti-Angiopoietin 2/ANG2 Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-Angiopoietin 2/ANG2 pAb

Immunohistochemical analysis of paraffin-embedded rat kidney using anti-Angiopoietin 2/ANG2 Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0