

Anti-COX1 Rabbit pAb



WL02730

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-COX1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:500
	IF	1:500
Cellular localization	Microsome membrane. Endoplasmic reticulum membrane.	
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	PTGS1(Prostaglandin G/H synthase 1) belongs to the prostaglandin G/H synthase family and catalyzes the conversion of arachidonic acid to prostaglandin H ₂ , which is subsequently metabolized to various biologically active prostaglandins. It is also named as COX1(Cyclooxygenase-1).
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of COX1.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

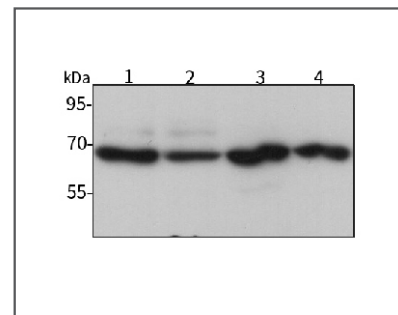
Anti-COX1 Rabbit pAb



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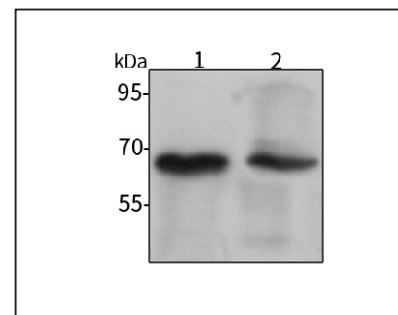
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Product Images



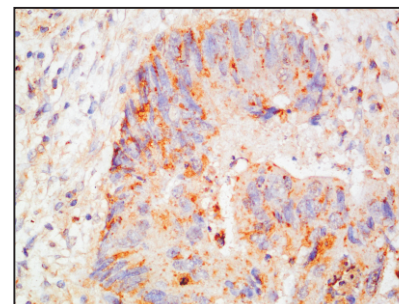
Western blot-Anti-COX1 pAb

Lane 1: Human Hela cell lysate
 Lane 2: Human HEK-293 cell lysate
 Lane 3: Human HCT116 cell lysate
 Lane 4: Human MDA-MB-231 cell lysate
 All lanes: Anti-COX1 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 68 kDa
 Observed band size: 68 kDa



Western blot-Anti-COX1 pAb

Lane 1: Mouse stomach tissue lysate
 Lane 2: Rat skin tissue lysate
 All lanes: Anti-COX1 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 68 kDa
 Observed band size: 68 kDa



Immunohistochemistry-Anti-COX1 pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-COX1 Rabbit Antibody at 1:500 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

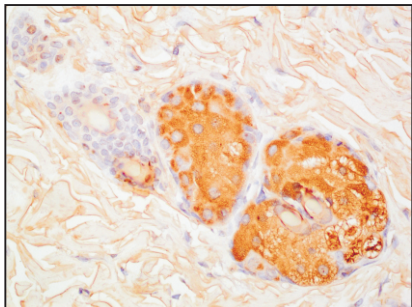
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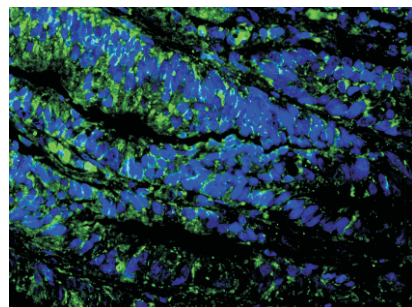
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Immunohistochemistry-Anti-COX1 pAb

Immunohistochemical analysis of paraffin-embedded rat skin using anti-COX1 Rabbit Antibody at 1:500 dilution.

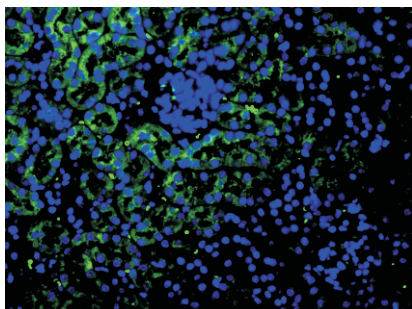
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-COX1 pAb

Immunofluorescence analysis of paraffin-embedded human colon cancer using anti-COX1 Rabbit Antibody at 1:500 dilution.

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



Immunofluorescence-Anti-COX1 pAb

Immunofluorescence analysis of paraffin-embedded mouse kidney using anti-COX1 Rabbit Antibody at 1:500 dilution.

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