antibodies .- online.com







anti-COX2 antibody (AA 589-604)

Images



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Overview		
Quantity:	100 μg	
Target:	COX2	
Binding Specificity:	AA 589-604	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This COX2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	
Product Details		
Immunogen:	Amino acids 589-604 (DDINPTVLLKERSTEL-human) were used as the immunogen for this COX2 antibody.	
Isotype:	IgG	

Target Details

Purification:

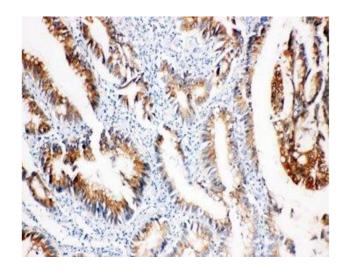
Target:	COX2
Alternative Name:	COX2 (COX2 Products)
Background: Cyclooxygenase (COX) is the key enzyme in conversion of arachidonic acid to Pogene encodes an inducible prostaglandin synthase enzyme that is overexpressed	

Antigen affinity

Target Details

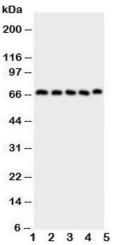
rarget Details		
	adenocarcinomas and other tumors. Deletion of the murine gene in Min mice reduced the incidence of intestinal tumors, suggesting that it is required for tumorigenesis.	
UniProt:	P35354	
Pathways:	Brown Fat Cell Differentiation, Positive Regulation of fat Cell Differentiation	
Application Details		
Application Notes:	Titration of the COX2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 μg/mL,IHC (Paraffin): 0.5-1 μg/mL (Frozen): 0.5-1 μg/mL	
Restrictions:	For Research Use only	
Handling		
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water	
Storage:	-20 °C	
Storage Comment:	The lyophilized COX2 antibody can be stored at 4°C to -20°C. After reconstitution, aliquot and store at -20°C. Avoid repeated freezing and thawing.	

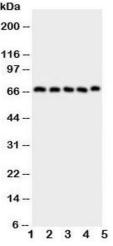
Images

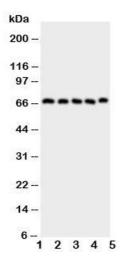


Immunohistochemistry

Image 1. IHC-P: COX2 antibody testing of human intestinal cancer tissue







Western Blotting

Image 2. Western blot testing of COX2 antibody and Lane 1: human placenta; 2: COLO320; 3: HeLa; 4: PANC; 5: SKOV cell lysate. Predicted size: ~70KD

Western Blotting

Image 3. Western blot testing of COX2 antibody and Lane 1: human placenta