

	PTGS1	E 9 7 3 4 1
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Antibody type:	Polyclonal Antibody
Applications:	WB IHC
Reactivity:	Human Mouse Rat
Molecular Weight:	69kDa
Immunogen:	Recombinant protein of human PTGS1
Gene ID:	5742
Swiss-Prot No.:	P23219
Altername:	COX1;COX3;PCOX1;PES-1;PGG/HS;PGHS-1;PGHS1;PHS1;PTGHS
Source:	Rabbit
Isotype:	IgG
Purification:	Affinity purification
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Background:	This is one of two genes encoding similar enzymes that catalyze the conversion of arachinodate to prostaglandin. The encoded protein regulates angiogenesis in endothelial cells, and is inhibited by nonsteroidal anti-inflammatory drugs such as aspirin. Based on its ability to function as both a cyclooxygenase and as a peroxidase, the encoded protein has been identified as a moonlighting protein. The protein

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	may promote cell proliferation during tumor progression. Alternative splicing results in multiple transcript variants.
Dilution:	WB 1:500 - 1:2000 IHC 1:100 - 1:200
Shipping&Stablity:	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.