

COX1 Polyclonal Antibody

Cat No: HR1AP2269

For research use only

Overview

Product Name	COX1 Polyclonal Antibody
Source	Rabbit
Applications	WB
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	
Observed band	70kDa
GeneID?Human?	PTGS1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	PTGS1; COX1; Prostaglandin G/H synthase 1; Cyclooxygenase-1; COX-1; Prostaglandin H2 synthase 1; PGH synthase 1; PGHS-1; PHS 1; Prostaglandin-endoperoxide synthase 1
Background	<p>prostaglandin-endoperoxide synthase 1(PTGS1) Homo sapiens 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 may promote cell proliferation during tumor progression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014].</p>