



COX1 Polyclonal Antibody

Cat #: ABP50159

Size: 30µl /100µl /200µl

Product Information

	Product Name: COX1 Polyclonal Antibody		
	Applications: WB		Isotype: Rabbit IgG
	Reactivity: Human		
REF	Catalog Number: ABP50159	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: PTGS1 is one of two genes encoding similar enzymes that catalyze the conversion of arachinodate to prostaglandin. Prostaglandin-endoperoxide synthase 1 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, prostaglandin-endoperoxide synthase 1 has been identified as a moonlighting protein. Prostaglandin-endoperoxide synthase 1 may promote cell proliferation during tumor progression. Alternative splicing results in multiple transcript variants.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:1000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

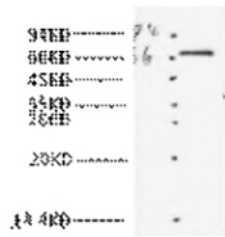


Fig. Western blot analysis of HeLa, diluted at 1:1000.
Secondary antibody was diluted at 1:20000.

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