

COX1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02145
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of COX1
Mol wt	68656
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	COX1 Antibody
Synonyms	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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

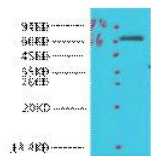
PTGS1 is one of two genes encoding similar enzymes that catalyze the conversion of arachinodate to prostaglandin. Prostaglandin-endoperoxide synthase 1 regulates angiogenesis in endothelial cells, and is inhibited by nonsteroidal anti-inflammatory drugs such as aspirin. Based on its ability to function 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.

Recommended Dilution

WB: 1: 1000

Not yet tested in other applications.

Images



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

Storage

-20°C for one year