

COX2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02153
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of COX2
Mol wt	68996
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	COX2 Antibody
Synonyms	PTGS2; COX2; COX-2; Prostaglandin G/H synthase 2; Cyclooxygenase-2; COX-2; PHS II; Prostaglandin H2 synthase 2; PGH synthase 2; PGHS-2; Prostaglandin-endoperoxide synthase 2

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

Background

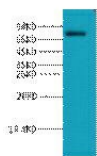
Prostaglandin-endoperoxide synthase (PTGS), also known as cyclooxygenase, is the key enzyme in prostaglandin biosynthesis, and acts both as a dioxygenase and as a peroxidase. There are two isozymes of PTGS: a constitutive PTGS1 and an inducible PTGS2, which differ in their regulation of expression and tissue distribution. PTGS2 encodes the prostaglandin-endoperoxide synthase 2. It is regulated by specific stimulatory events, suggesting that it is responsible for the prostanoid biosynthesis involved in inflammation and mitogenesis.

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