

COX2 Rabbit pAb

db3633

Package : 20μL 50μL 100μL

Product Name : COX2 Rabbit pAb**Cat.No.:** db3633**Synonyms** : COX2; COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; GRIPGHS**Application** : WB, IHC, IP**Reactivity** : Human, Mouse**Host species** : Rabbit**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. This gene encodes the inducible isozyme. It is regulated by specific stimulatory events, suggesting that it is responsible for the prostanoid biosynthesis involved in inflammation and mitogenesis. [provided by RefSeq, Feb 2009]

Immunogen

A synthetic peptide of human COX2

Gene ID

5743

Swiss Prot

P35354

Synonyms

COX2; COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; GRIPGHS

Reactivity

Human, Mouse

Application

WB, IHC, IP

Recommended dilutionWB: 1:1000
IHC: 1:20-1:50
IP: 1:20-1:50**Calculated MW**

69 kDa

Observed MW

74 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.