

## COX2 Rabbit pAb

db21372

Package : 20µL 50µL 100µL

**Product Name** : COX2 Rabbit pAb**Cat.No.:** db21372**Synonyms** : COX2; COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; GRIPGHS**Application** : WB, ICC/IF, FC, 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**

Recombinant protein 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, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000

ICC/IF: 1:50

FC: 1:100

IP: 1:20

**Calculated MW**

69 kDa

**Observed MW**

74 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

**Purity**

Affinity Purification

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**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.