



Anti-PTGS2 polyclonal antibody (DPABT-H21101)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Anti-PTGS2 Polyclonal Antibody
Target	PTGS2
Immunogen	Peptide
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Purification	Antigen Affinity Purified
Conjugate	Unconjugated
Applications	ELISA, IHC
Molecular Weight	604aa,69kd
Cellular Localization	Membrane associated, microsomal menbrane
Format	Lyophilized Powder
Size	100 µl, 200 µl
Buffer	PBS with 0.02% Sodium Azide, 2%BSA,PH7.2
Preservative	0.02% Sodium Azide
Storage	-20 °C, Avoid freeze / thaw cycles

GENE INFORMATION

Gene Name	PTGS2 prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase) [Homo sapiens]
Official Symbol	PTGS2
Synonyms	PTGS2; prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase); prostaglandin G/H synthase 2; COX2; PHS II; PGH synthase 2; cyclooxygenase 2b; prostaglandin H2 synthase 2; COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; GRIPGHS;
Entrez Gene ID	5743
Protein Refseq	NP_000954
UniProt ID	P35354
Chromosome Location	1q25.2-q25.3
Pathway	Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Biological oxidations, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; COX reactions, organism-specif
Function	enzyme binding; heme binding; heme binding; lipid binding; metal ion binding; oxidoreductase activity; oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen; peroxidase activity; pero