

## CAB24438

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### Product Information

<b>Product SKU:</b>	CAB24438	<b>Gene ID:</b>	5743	<b>Size:</b>	100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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### Additional Information

<b>Observed MW:</b>	70kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	69kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**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.

**Recommended Dilution:** WB, 1:500 - 1:1000

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

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 505-604 of human COX2/PTGS2 (P35354).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.