

## Product datasheet for **TA364998S**

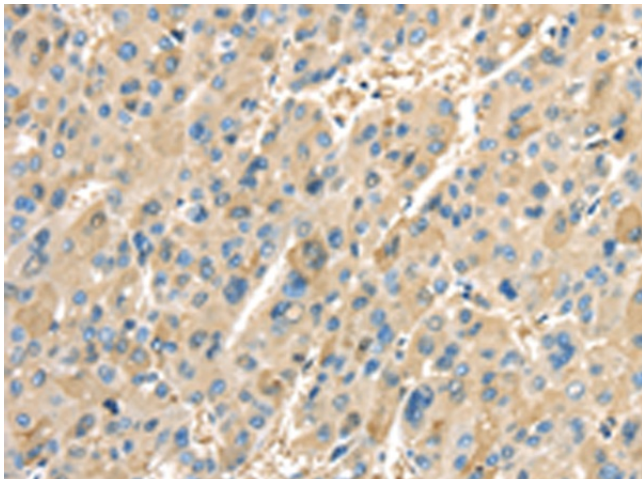
### COX2 (PTGS2) Rabbit Polyclonal Antibody

#### Product data:

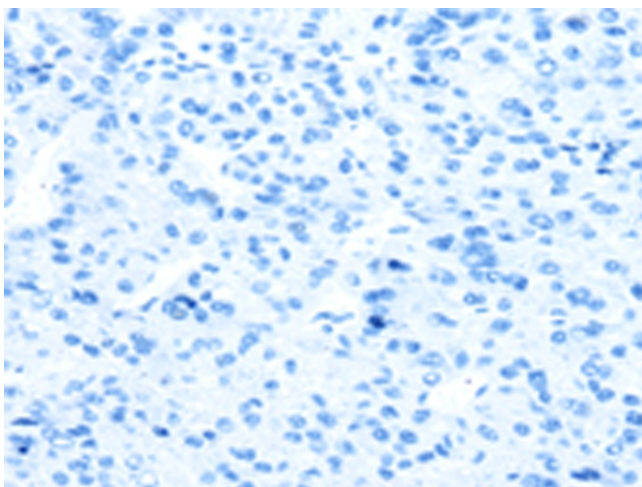
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 30-150 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PTGS2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	prostaglandin-endoperoxide synthase 2
Database Link:	<a href="#">Entrez Gene 5743 Human P35354</a>
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.
Synonyms:	COX-2; COX2; Cyclooxygenase-2; GRIPGHS; hCox-2; PGG/HS; PGHS-2; PHS-2



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**Product images:**

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA364998] (PTGS2 Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA364998] (PTGS2 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )