

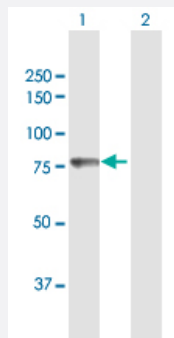
MaxPab®

PTGS2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00005743-D01

Size 100 uL

Applications

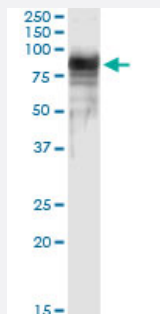


Western Blot (Transfected lysate)

Western Blot analysis of PTGS2 expression in transfected 293T cell line ([H00005743-T01](#)) by PTGS2 MaxPab polyclonal antibody.

Lane 1: PTGS2 transfected lysate(69.00 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of PTGS2 transfected lysate using anti-PTGS2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PTGS2 purified MaxPab mouse polyclonal antibody (B01P) ([H00005743-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PTGS2 protein.

Immunogen

PTGS2 (NP_000954.1, 1 a.a. ~ 604 a.a) full-length human protein.

Sequence	MLARALLLCAVLALSHTANPCCSHPCQNRGVCMSVGFDQYKCDCTRTGFYGENCSTPEFLTRIK LFLKPTPNTVHYLTHFKGFVNVVNNIPFLRNAIMSYVLTSRSHLIDSPPTYNADYGYKSWEAFSNLS YYTRALPPVPDDCPTPLGVKGKKQLPDSNEVEKLLLRKFIPDPQGSNMMFAFFAQHFTHQFFK TDHKRGPAFTNGLGHGVDLNHIYGETLARQRKLRLFKDGKMKYQIIDGEMYPPTVKDTQAEMIYPP QVPEHLRFVAVGQEVFGLVPGLMMYATWMLREHNRVCDVLKQEHPWGDQLFQTSRLILIGETIKI VIEDYVQHLSGYHFKLKFDPELLFNKQFQYQNRIAAEFNTLYHWHPLLPDFQIHDQKYNYYQQFYNN NSILLEHGITQFVESFTRQIAGRVAGGRNVPPAVQKVSQASIDQSRQMKYQSFNEYRKRFLMLKPYE SFEELTGEKEMSAELEALYGDIDAVELYPALLVEKPRPDAIFGETMVEVGAPFSLKGLMGNVICSP AYWKPSTFGGEVGFQIINTASIQSLICNNVKGCPFTSFSPDPELIKTVTINASSSRSGLDNDINPTVLL KERSTEL
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — PTGS2

Entrez GeneID	5743
GeneBank Accession#	NM_000963.1
Protein Accession#	NP_000954.1

Gene Name	PTGS2
Gene Alias	COX-2, COX2, GRIPGHS, PGG/HS, PGHS-2, PHS-2, hCox-2
Gene Description	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
Omim ID	600262
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000033524 cyclooxygenase 2b prostaglandin G/H synthase and cyclooxygenase prostaglandin-endoperoxide synthase 2

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- [VEGF signaling pathway](#)

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