

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-COX-1/Cyclooxygenase-1



Numéro de catalogue: 13393-1-AP

Phare

17 Publications

Informations de base

Numéro de catalogue:

13393-1-AP

Taille:

150ul, Concentration: 300 µg/ml by Nanodrop and 253 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4055

Numéro d'acquisition GenBank:

BC029840

Identification du gène (NCBI):

5742

Nom complet:

prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)

MW calculé

599 aa, 69 kDa

MW observés:

60-72 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Chèvre, Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB: cellules HeLa, cellule C2C12, cellules Neuro-2a

IP: cellules HeLa,

IHC: tissu d'estomac humain,

Informations générales

PTGS1(Prostaglandin G/H synthase 1) belongs to the prostaglandin G/H synthase family and catalyzes the conversion of arachidonic acid to prostaglandin H₂, which is subsequently metabolized to various biologically active prostaglandins. It is also named as COX1(Cyclooxygenase-1). There is no PTGS1 expression in fetal samples (prostate, seminal vesicles, or ejaculatory ducts), and only minimal expression in adult tissues (PMID: 10999846). PTGS1 has some isoforms with MW of 56-72 kD and PTGS1 can form homodimer.

Publications notables

Autrice	Pubmed ID	Journal	Application
Zrinka Mihaljević	32883025	Int J Mol Sci	WB
Siddhesh Aras	25315652	Mitochondrion	WB
Min Zheng	36257219	Phytomedicine	WB,IHC

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

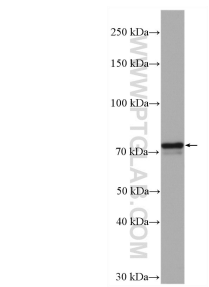
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

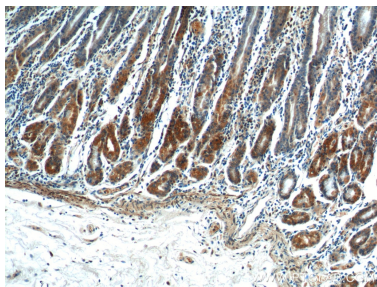
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

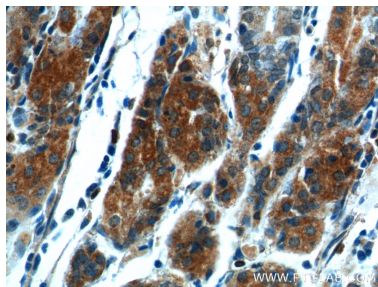
Données de validation sélectionnées



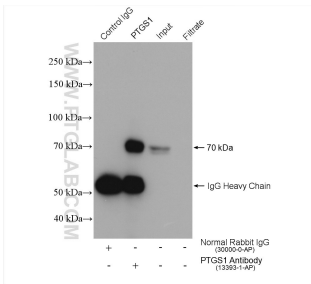
HeLa cells were subjected to SDS PAGE followed by western blot with 13393-1-AP (COX-1/Cyclooxygenase-1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 13393-1-AP (COX-1/Cyclooxygenase-1 antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 13393-1-AP (COX-1/Cyclooxygenase-1 antibody at dilution of 1:200 (under 40x lens).



IP result of anti-COX-1/Cyclooxygenase-1(IP:13393-1-AP, 4ug; Detection:13393-1-AP 1:500) with HeLa cells lysate 1280 ug.