

Nur für Forschungszwecke

COX2/ Cyclooxygenase 2/ PTGS2 Polyklonaler Antikörper



Katalog-Nr.:12375-1-AP

Vorgestelltes Produkt

272 Publikationen

Allgemeine Informationen

Katalog-Nr.: 12375-1-AP	GenBank-Zugangsnummer: BC013734	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 700 µg/ml von Nanodrop;	GeneID (NCBI): 5743	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	
Isotyp: IgG	Berechnete Masse: 604 aa, 68 kDa	
Immunogen Katalognummer: AG3025	Beobachtete Masse: 70-74 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Huhn, Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : A549-Zellen, HEK-293-Zellen, HeLa-Zellen, NIH/3T3-Zellen, Raji-Zellen, RAW 264.7-Zellen

IHC : humanes Mammakarzinomgewebe,

IF : HepG2-Zellen,

Hintergrundinformationen

COX2 (Prostaglandin G/H synthase 2; PTGS2) mediates the formation of prostaglandins from arachidonate. Its subunit structure is homodimer. The fully N-glycosylated PTGS2 is 72-74 kDa and the aglycosylated is 66 kDa (PMID:19656660). It also expresses a band of 39 kDa after unspecific cleavage (PMID:17509125). The 50 kDa band of fragmented PTGS2 has also previously been detected in AD brains (PMID:14724276).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Guangren Xu	32986614	Z Naturforsch C J Biosci	WB
Jie-Fu Fan	36189462	J Hypertens	WB
Ke-Xin Wang	34649212	Phytomedicine	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

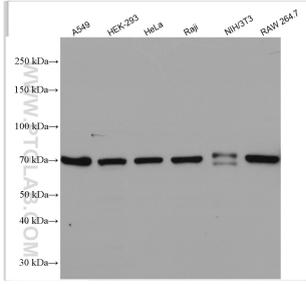
For technical support and original validation data for this product please contact:

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

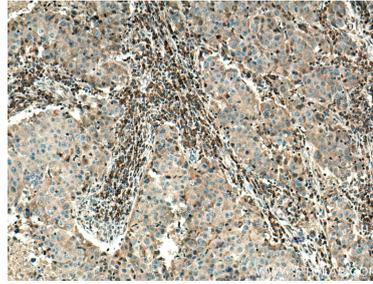
E: proteintech@ptglab.com
W: ptglab.com

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

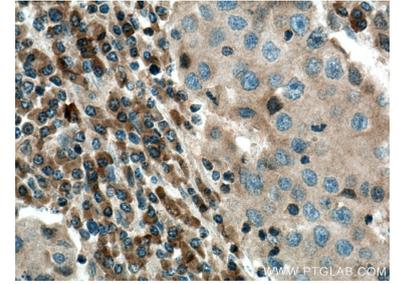
Ausgewählte Validierungsdaten



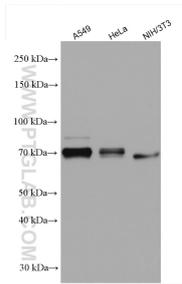
Various lysates were subjected to SDS PAGE followed by western blot with 12375-1-AP (COX2/ Cyclooxygenase 2/ PTGS2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



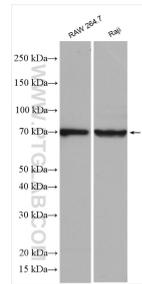
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12375-1-AP (COX2/ Cyclooxygenase 2/ PTGS2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



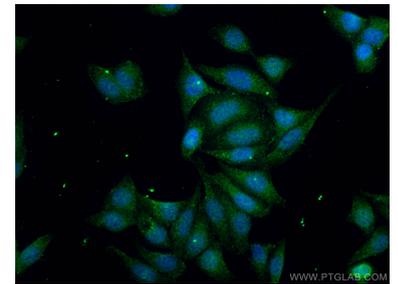
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12375-1-AP (COX2/ Cyclooxygenase 2/ PTGS2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



A549 cells were subjected to SDS PAGE followed by western blot with 12375-1-AP (COX2/ Cyclooxygenase 2/ PTGS2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 12375-1-AP (COX2/ Cyclooxygenase 2/ PTGS2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using COX2/ Cyclooxygenase 2/ PTGS2 antibody (12375-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).