

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PTGES3



Numéro de catalogue: 15216-1-AP

4 Publications

Informations de base

Numéro de catalogue:

15216-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop and 213 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7384

Numéro d'acquisition GenBank:

BC003005

Identification du gène (NCBI):

10728

Nom complet:

prostaglandin E synthase 3 (cytosolic)

MW calculé

19 kDa

MW observés:

21-23 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 1:200-1:1000 for WB

IF 1:50-1:500

Applications

Applications testées:

FC, IF, IP, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : tissu cérébral de rat, tissu cardiaque de rat, tissu cardiaque de souris, tissu cérébral de souris

IP : tissu cardiaque de souris,

IF : cellules A549, cellules HeLa

Informations générales

P23, encoded by the gene PTGES3, plays a key role in glucocorticoid signaling and was increased at the mRNA level in the DLPFC in individuals with schizophrenia (PMID: 24345775). In the GR heterocomplex in vitro, p23 is an obligatory co-factor¹⁹ and is the limiting component of the complex⁴⁴, functioning to stabilize the interaction of the complex with GR in the cytoplasm. Paradoxically, p23 also acts in the nucleus to inhibit GR-mediated gene transcription and disassemble GR transcriptional machinery in the nucleus (PMID: 12077419). In vivo, p23 is critical for appropriate glucocorticoid responsiveness (PMID: 17000766).

Publications notables

Autrice	Pubmed ID	Journal	Application
Long Cheng	31106266	Sci Adv	WB
Liyuan Zhang	27384878	Oncotarget	WB
Yujia Fan	35197566	Cell Death Differ	WB

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.

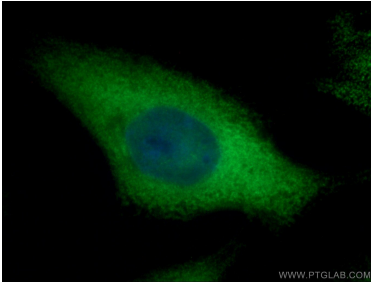
For technical support and original validation data for this product please contact:

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

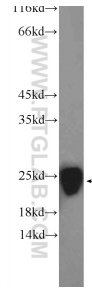
E: proteintech@ptglab.com
W: ptglab.com

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

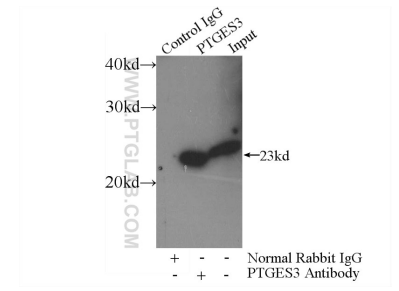
Données de validation sélectionnées



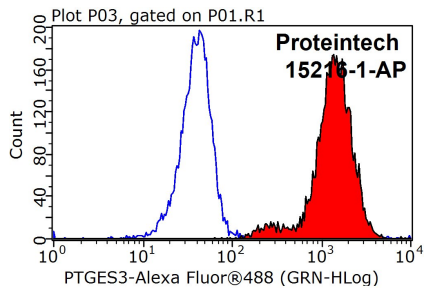
Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using 15216-1-AP (PTGES3 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



rat brain tissue were subjected to SDS PAGE followed by western blot with 15216-1-AP (PTGES3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-PTGES3 (IP:15216-1-AP, 3ug; Detection:15216-1-AP 1:300) with mouse heart tissue lysate 4000ug.



1X10⁶ HeLa cells were stained with 0.2ug PTGES3 antibody (15216-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.