

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GBP5



Numéro de catalogue: 13220-1-AP

Phare

34 Publications

Informations de base

Numéro de catalogue:

13220-1-AP

Taille:

150ul, Concentration: 650 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4103

Numéro d'acquisition GenBank:

BC031639

Identification du gène (NCBI):

115362

Nom complet:

guanylate binding protein 5

MW calculé

586 aa, 67 kDa

MW observés:

65 kDa, 55 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

Applications

Applications testées:

FC, IP, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules U-937, cellules Jurkat

IP : cellules U-937,

Informations générales

Guanylate binding protein (GBP) 5 belongs to the GBP family, which is involved in important cellular processes, including signal transduction, translation, vesicle trafficking, and exocytosis. GBP5 was reported to be a critical cellular factor in inflammasome assembly. Furthermore, GBP5 has been reported to induce inflammatory cytokines, including IL-1 beta and IL-18, through the activation of NLRP3 and AIM2. GBP5 encodes two isoforms: GBP-5a/b (67 kDa) and GBP-5ta (55 kDa)

Publications notables

Autrice	Pubmed ID	Journal	Application
Naiquan Liu	36175170	Immunol Invest	WB,IHC
Ting-Ting Yu	34562845	Int Immunopharmacol	WB
Hua-Zhen Xu	34488792	J Nanobiotechnology	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.

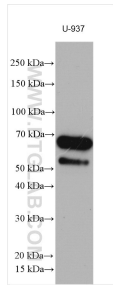
For technical support and original validation data for this product please contact:

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

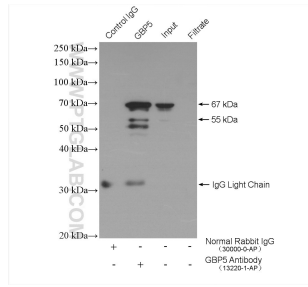
E: proteintech@ptglab.com
W: ptglab.com

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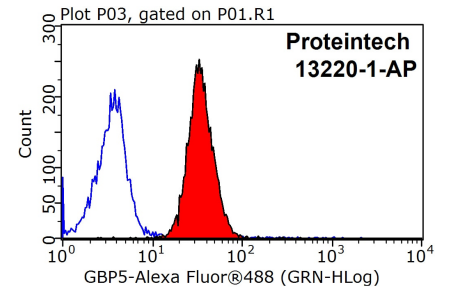
Données de validation sélectionnées



U-937 cells were subjected to SDS PAGE followed by western blot with 13220-1-AP (GBP5 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP result of anti-GBP5 (IP:13220-1-AP, 4ug; Detection:13220-1-AP 1:1000) with U-937 cells lysate 4000 ug.



1X10⁶ MCF-7 cells were stained with 0.2ug GBP5 antibody (13220-1-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 1:1500.