

À des fins de recherche uniquement

Anticorps Monoclonal anti-G3BP1

Numéro de catalogue: 66486-1-Ig

Phare

36 Publications



Informations de base

Numéro de catalogue: 66486-1-Ig	Numéro d'acquisition GenBank: BC006997	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2000 µg/ml by Nanodrop;	Identification du gène (NCBI): 10146	CloneNo.: 1E4A2
Hôte: Mouse	Nom complet: GTPase activating protein (SH3 domain) binding protein 1	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:50-1:500 IF 1:500-1:2000
Isotype: IgG1	MW calculé 466 aa, 52 kDa	
Immunogen Catalog Number: AG3728	MW observés: 68 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

CoIP, FC, IF, IP, RIP, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules LNCaP, cellules 4T1, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules NIH/3T3, cellules PC-12, cellules RAW 264.7, tissu cérébral de porc, tissu cérébral de souris

IHC : tissu testiculaire humain, tissu cérébral de rat, tissu de côlon humain, tissu de lymphome humain

IF : sodium arsenite treated HeLa cells,

Informations générales

GAP SH3 Binding Protein 1 (G3BP1), also named as G3BP, is an effector of stress granule (SG) assembly. SG biology plays an important role in the pathophysiology of TDP-43 in ALS and FTL-D-U. G3BP1 can be used as a marker of SG. It has been shown to function downstream of Ras and play a role in RNA metabolism, signal transduction, and proliferation. G3BP1 is a ubiquitously expressed protein that localizes to the cytoplasm in proliferating cells and to the nucleus in non-proliferating cells. G3BP1 has recently been implicated in cancer biology.

Publications notables

Autrice	Pubmed ID	Journal	Application
Bin Dai	34560101	J Biol Chem	IF
Parimal Samir	31511697	Nature	WB,IF
Niclas Stefan Rasmussen	31681284	Front Immunol	

Stockage

Stockage:

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

Tampon de stockage:

PBS avec azote 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.

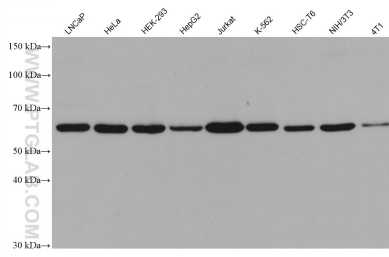
For technical support and original validation data for this product please contact:

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

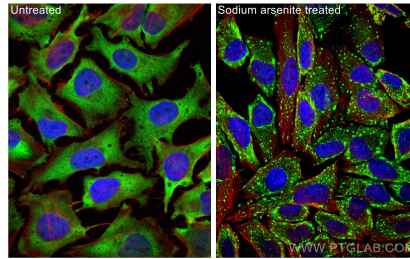
E: proteintech@ptglab.com
W: ptglab.com

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

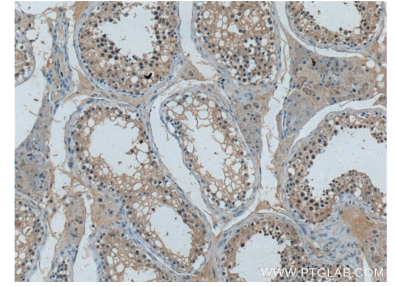
Données de validation sélectionnées



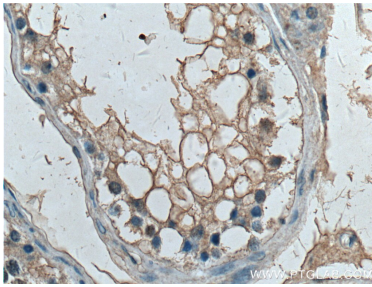
Various lysates were subjected to SDS PAGE followed by western blot with 66486-1-Ig (G3BP1 antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed sodium arsenite treated HeLa cells using G3BP1 antibody (66486-1-Ig, Clone: 1E4A2) at dilution of 1:1000 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66486-1-Ig (G3BP1 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66486-1-Ig (G3BP1 antibody) at dilution of 1:200 (under 40x lens).