

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-G3BP1



Numéro de catalogue: **CL555-13057** **Phare**

Informations de base

Numéro de catalogue: CL555-13057	Numéro d'acquisition GenBank: BC006997	Méthode de purification: Purification par affinité contre l'antigène
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 10146	Dilutions recommandées: IF 1:200-1:800
Hôte: Lapin	Nom complet: GTPase activating protein (SH3 domain) binding protein 1	Excitation/Emission maxima wavelengths: 557 nm / 570 nm
Isotype: IgG	MW calculé: 466 aa, 52 kDa	
Immunogen Catalog Number: AG3728	MW observés: 55-60 kDa	

Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : sodium arsenite treated HeLa cells,
Spécificité de l'espèce: Humain, rat, souris	

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 FTLD-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.

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

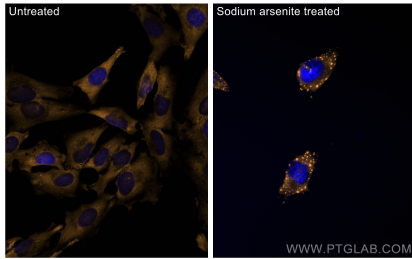
For technical support and original validation data for this product please contact:

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

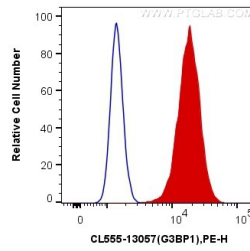
E: proteintech@ptglab.com
W: ptglab.com

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 (4% PFA) fixed sodium arsenite treated HeLa cells using CoraLite®555 G3BP1 antibody (CL555-13057) at dilution of 1:400.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite®555 Anti-Human G3BP1 (CL555-13057) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).