

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-G3BP2



Numéro de catalogue: **CL488-16276**

Phare

Informations de base

Numéro de catalogue: CL488-16276	Numéro d'acquisition GenBank: BC011731	Méthode de purification: Purification par affinité contre l'antigène
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 9908	Dilutions recommandées: IF 1:50-1:500
Hôte: Lapin	Nom complet: GTPase activating protein (SH3 domain) binding protein 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	MW calculé 482aa,54 kDa; 449aa,51 kDa	
Immunogen Catalog Number: AG9355	MW observés: 65-70 kDa	

Applications

Applications testées: IF	Contrôles positifs: IF : sodium arsenite treated HeLa cells,
Spécificité de l'espèce: Humain	

Informations générales

Stress granules (SGs) are cytoplasmic mRNA-protein condensates formed in response to cellular stressors, such as oxidative stress, ultraviolet radiation, and viral infection (1). The Ras-GTPase-activating protein-binding proteins (G3BPs), consisting of G3BP1 and G3BP2, are key nucleating factors essential for SG formation. They function to protect RNAs from harmful conditions. G3BP2 is mainly distributed in the cytoplasm and participates in the formation of stress granules, cell differentiation, proliferation, and signal transduction. Accumulating evidence has demonstrated that aberrant expression of G3BP2 contributes to cancer initiation and progression, such as high expression of G3BP2 increasing cell stemness, metastasis and chemoresistance in breast cancer.

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière.
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:

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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® Plus 488 G3BP2 antibody (CL488-16276) at dilution of 1:200, CL594-Phalloidin (red).

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