

Nur für Forschungszwecke

G3BP2 Polyklonaler Antikörper

Katalog-Nr.:CL488-16276

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: CL488-16276	GenBank-Zugangsnummer: BC011731	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 1000 µg/ml von9908 Nanodrop;	GeneID (NCBI): Vollständiger Name: GTPase activating protein (SH3 domain) binding protein 2	Empfohlene Verdünnungen: IF 1:50-1:500
Wirt: Kaninchen	Berechnete Masse: 482aa,54 kDa; 449aa,51 kDa	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm
Isotyp: IgG	Beobachtete Masse: 65-70 kDa	
Immunogen Katalognummer: AG9355		

Anwendungen

Geprüfte Anwendungen: IF	Positivkontrollen: IF : sodium arsenite treated HeLa cells,
Getestete Reaktivität: Human	

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% 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.

Ausgewählte Validierungsdaten



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).

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).