

Nur für Forschungszwecke

# G3BP1 Rekombinanter Antikörper

Katalog-Nr.:CL488-80777



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-80777	<b>GenBank-Zugangsnummer:</b> BC006997	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul, Konzentration: 1000 µg/ml von10146 Nanodrop;	<b>GeneID (NCBI):</b> 10146	<b>CloneNo.:</b> 7F14
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> GTPase activating protein (SH3 domain) binding protein 1	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 466 aa, 52 kDa	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm
<b>Immunogen Katalognummer:</b> AG3728		

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF	<b>Positivkontrollen:</b> IF : sodium arsenite treated HeLa cells,
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

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.

## 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

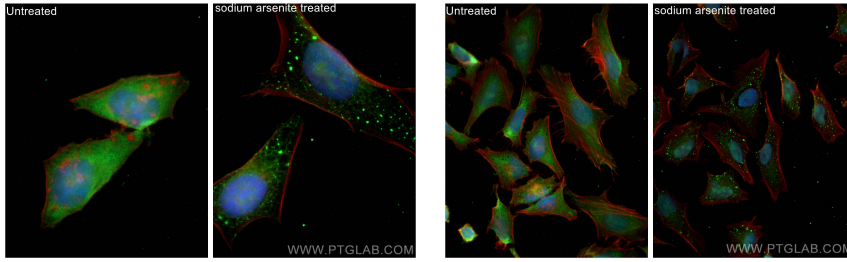
For technical support and original validation data for this product please contact:

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.

## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed sodium arsenite treated HeLa cells using CoralLite® Plus 488 G3BP1 antibody (CL488-80777, Clone: 7F14 ) at dilution of 1:200, CL594-Phalloidin (red).

Immunofluorescent analysis of (4% PFA) fixed sodium arsenite treated HeLa cells using CoralLite® Plus 488 G3BP1 antibody (CL488-80777, Clone: 7F14 ) at dilution of 1:200, CL594-Phalloidin (red).