

Nur für Forschungszwecke

# G3BP1 Rekombinanter Antikörper

Katalog-Nr.:CL555-80777



## Allgemeine Informationen

|  |   |  |
|--|---|--|
| <b>Katalog-Nr.:</b><br>CL555-80777                                       | <b>GenBank-Zugangsnummer:</b><br>BC006997   | <b>Reinigungsmethode:</b><br>Protein-A-Reinigung                       |
| <b>Größe:</b><br>100ul , Konzentration: 1000 µg/ml von10146<br>Nanodrop; | <b>GeneID (NCBI):</b><br>von10146   | <b>CloneNo.:</b><br>7F14   |
| <b>Wirt:</b><br>Kaninchen  | <b>Vollständiger Name:</b><br>GTPase activating protein (SH3<br>domain) binding protein 1 | <b>Empfohlene Verdünnungen:</b><br>IF 1:50-1:500                       |
| <b>Isotyp:</b><br>IgG  | <b>Berechnete Masse:</b><br>466 aa, 52 kDa  | <b>Anregungs-/Emissionsmaxima-<br/>Wellenlängen:</b><br>557 nm / 570nm |
| <b>Immunogen Katalognummer:</b><br>AG3728                                |   |  |

## Anwendungen

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

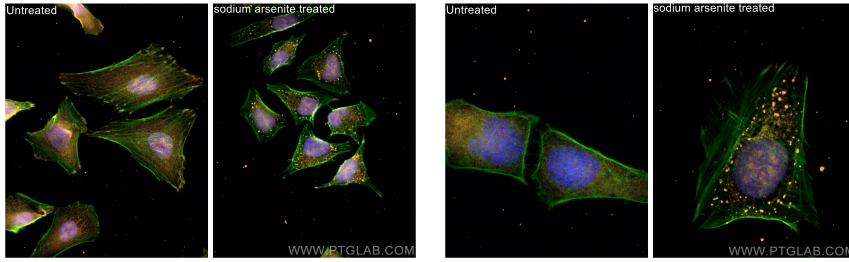
For technical support and original validation data for this product please contact:

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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed sodium arsenite treated HeLa cells using CoraLite®555 G3BP1 antibody (CL555-80777, Clone: 7F14) at dilution of 1:200, CL488-Phalloidin (green).

Immunofluorescent analysis of (4% PFA) fixed sodium arsenite treated HeLa cells using CoraLite®555 G3BP1 antibody (CL555-80777, Clone: 7F14) at dilution of 1:200, CL488-Phalloidin (green).