

Datasheet for ABIN6569853  
**anti-G3BP1 antibody**



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2 Images

## Overview

Quantity:	200 µL
Target:	G3BP1
Reactivity:	Human, Mouse, Duck
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This G3BP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant protein of human G3BP1
Isotype:	IgG
Purification:	Affinity purification

## Target Details

Target:	G3BP1
Alternative Name:	G3BP1 ( <a href="#">G3BP1 Products</a> )
Background:	Synonyms: ATP dependent DNA helicase VIII,ATP-dependent DNA helicase VIII,G3BP,G3BP stress granule assembly factor 1,G3BP-1,G3bp1,G3BP1,GAP binding protein,GAP SH3 domain binding protein 1,GAP SH3 domain-binding protein 1,GTPase activating protein (SH3 domain) binding protein 1,hDH VIII,Human DNA helicase VIII,MGC111040,Ras GTPase activating protein binding protein 1,Ras GTPase activating protein SH3 domain binding protein,Ras GTPase-

## Target Details

activating protein-binding protein 1,RasGAP associated endoribonuclease G3BP

Background: This gene encodes one of the DNA-unwinding enzymes which prefers partially unwound 3'-tailed substrates and can also unwind partial RNA/DNA and RNA/RNA duplexes in an ATP-dependent fashion. This enzyme is a member of the heterogeneous nuclear RNA-binding proteins and is also an element of the Ras signal transduction pathway. It binds specifically to the Ras-GTPase-activating protein by associating with its SH3 domain. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

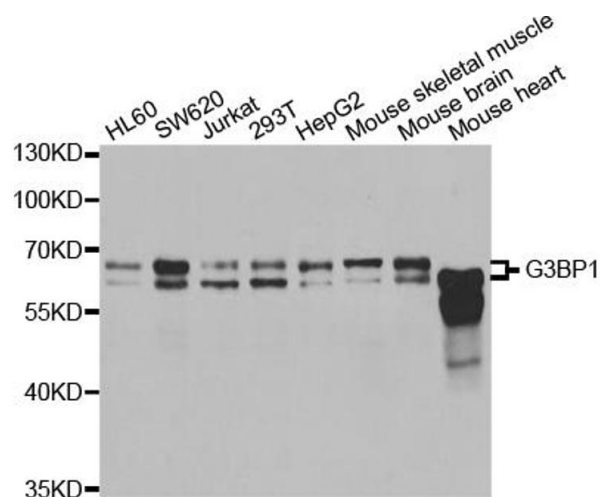
Molecular Weight:	Observed_MW: 64kDa Calculated_MW: 13kDa/52kDa
Gene ID:	10146
UniProt:	<a href="#">Q13283</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	WB 1:500 - 1:2000 IF 1:50 - 1:200
Restrictions:	For Research Use only

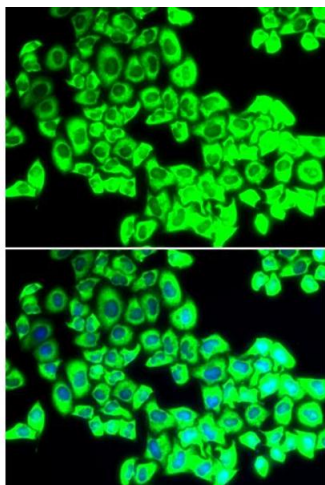
## Handling

Concentration:	1 mg/mL
Buffer:	Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using G3BP1 antibody.



### Immunofluorescence

**Image 2.** Immunofluorescence analysis of U2OS cells using G3BP1 antibody.