

# G3BP1 Rabbit pAb

Catalog No.: A5342 **3 Publications**

## Basic Information

### Observed MW

70kDa

### Calculated MW

52kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse

## 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.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

10146

### Swiss Prot

Q13283

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 227-466 of human G3BP1 (NP\_938405.1).

### Synonyms

G3BP; HDH-VIII; G3BP1

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

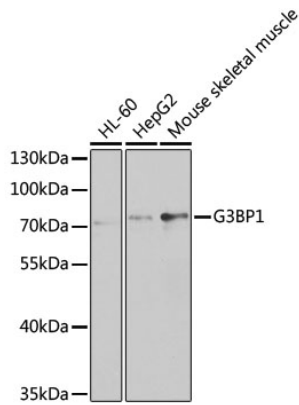
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

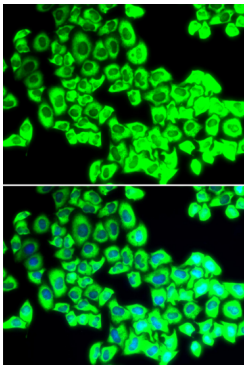
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

---



Western blot analysis of various lysates using G3BP1 Rabbit pAb (A5342) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).



Immunofluorescence analysis of U2OS cells using G3BP1 Rabbit pAb (A5342). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.