

## G3BP1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:**52kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human G3BP1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

G3BP; HDH-VIII;

**Catalog #:**A5342

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**10146

**Isotype:**IgG

**Swiss Prot:**Q13283

**Purity:**Affinity purification

For research use only.

**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.

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