

## Product datasheet for **TA355830**

### **G3BP (G3BP1) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of human G3BP1
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat <b>Homology:</b> Cow: 93%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 79%; Pig: 93%; Rat: 93%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	31kDa
Gene Name:	G3BP stress granule assembly factor 1
Database Link:	<a href="#">NP_005745.1</a> <a href="#">Entrez Gene 10146 Human</a> <a href="#">Q13283</a>



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**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.

**Synonyms:**

G3BP; G3BP-1; HDH-VIII; MGC111040

**Protein Families:**

Druggable Genome

**Product images:**

Host: Rabbit  
Target Name: G3BP1  
Sample Type: Pancreas tumor lysates  
Antibody Dilution: 1.0ug/ml