

Product datasheet for **TA331473**

G3BP (G3BP1) Rabbit Polyclonal Antibody

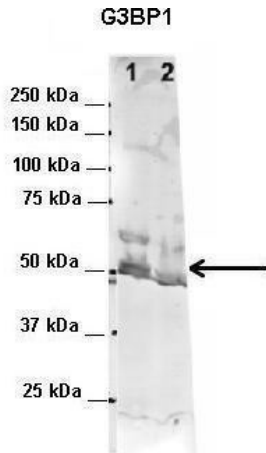
Product data:

Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	WB, IP
Reactivity:	Rat, Mouse, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-G3BP1 antibody: synthetic peptide directed towards the N terminal of human G3BP1. Synthetic peptide located within the following region: RFMQTFVLAPEGSVANKFYVHNDIFRYQDEVFGGFVTEPQEESEEEVEEP
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>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	52 kDa
Gene Name:	G3BP stress granule assembly factor 1
Database Link:	NP_005745 Entrez Gene 27041 Mouse Entrez Gene 171092 Rat Entrez Gene 10146 Human Q13283
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
Synonyms:	G3BP; HDH-VIII
Note:	Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Bovine: 93%
Protein Families:	Druggable Genome



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Product images:

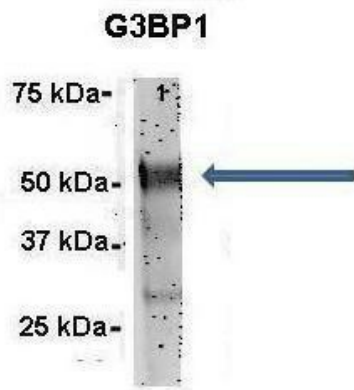


Lanes: 1. Human NT-2 cells (60ug) lysate 2. Mouse WT brain extract (80ug); Primary Antibody Dilution: 2ug/ml; Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience; Secondary Antibody Dilution: 1: 20,000; Gene Name: G3BP1; Submitted by:

See Immunoblot 2 Data and Customer Feedback for more information

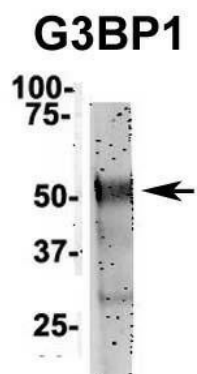


WB Suggested Anti-G3BP1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: HT1080 cell lysate G3BP1 is strongly supported by BioGPS gene expression data to be expressed in Human HT1080 cells



Amount and Sample Type : 500 ug rat brain homogenate; Amount of IP Antibody : 6 ug; Primary Antibody : G3BP1; Primary Antibody Dilution : 1:500; Secondary Antibody : Goat anti-rabbit Alexa-Fluor 594; Secondary Antibody Dilution : 1:5000; Gene Name : G3BP1

See Other Application 2 Data and Customer Feedback for more information



IP Suggested Anti-G3BP1 Antibody ; Positive Control: NT2 CELL/BRAIN TISSUE

See Other Application 1 Data and Customer Feedback tab for more information.