

Rabbit G3BP Polyclonal Antibody | anti-G3BP1 antibody

G3BP antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198205	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

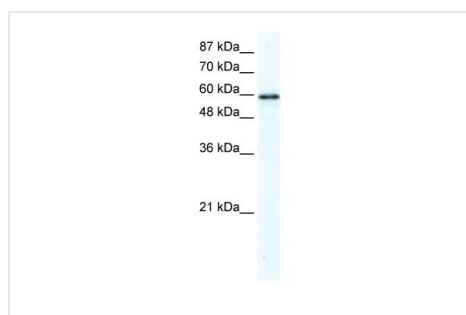
PRODUCT SYNONYMS

G3BP; Polyclonal Antibody; G3BP antibody - N-terminal region; anti-G3BP1 antibody

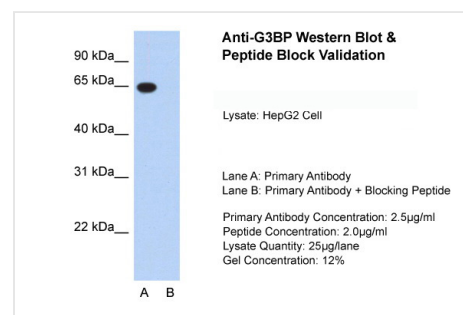
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: EV FGGFVTEPQE ESEEEVEEPE ERQQTPEVVP DDSGTFYDQA VVSNDMEE
Sequence Length	466
Applicable Applications for anti-G3BP1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human G3BP
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-G3BP Antibody Titration: 2.5ug/ml
ELISA Titer: 1:31250
Positive Control: HepG2 cell lysate


WB (Western Blot)

Host: Rabbit
Target Name: G3BP
Sample Type: HepG2
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 2.5ug/mL
Peptide Concentration: 2.0ug/mL
Lysate Quantity: 25ug/lane
Gel Concentration: 12%

ADDITIONAL INFORMATION

Related Product Information for anti-G3BP1 antibody	This is a rabbit polyclonal antibody against G3BP. It was validated on Western Blot using a cell lysate as a positive control. Target Description: G3BP is 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.
Product Categories/Family for anti-G3BP1 antibody	Polyclonal; Transcription Factor; Signal Proteins; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031703
NCBI GeneID	10146
NCBI Accession #	NP_005745
NCBI GenBank Nucleotide #	NM_005754
UniProt Accession #	Q13283
Molecular Weight	51kDa
NCBI Official Full Name	ras GTPase-activating protein-binding protein 1
NCBI Official Synonym Full Names	G3BP stress granule assembly factor 1
NCBI Official Symbol	G3BP1
NCBI Official Synonym Symbols	G3BP; HDH-VIII
NCBI Protein Information	ras GTPase-activating protein-binding protein 1
UniProt Protein Name	Ras GTPase-activating protein-binding protein 1
UniProt Gene Name	G3BP1
UniProt Synonym Gene Names	G3BP; G3BP-1; hDH VIII
UniProt Entry Name	G3BP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/g3bp-antibody-western-blot-elisa/198205>