

Rabbit G3BP1 Polyclonal Antibody | anti-G3BP1 antibody

G3BP1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283835	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Immunohistochemistry, ELISA, Western Blot

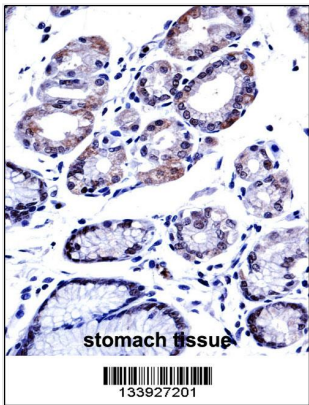
PRODUCT SYNONYMS

G3BP1; Polyclonal Antibody; G3BP1 Antibody (C-term); Ras GTPase-activating protein-binding protein 1; G3BP-1; ATP-dependent DNA helicase VIII; hDH VIII; GAP SH3 domain-binding protein 1; G3BP; anti-G3BP1 antibody

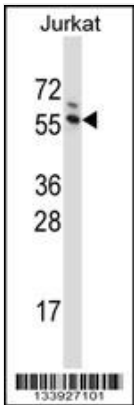
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This G3BP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 401-430 amino acids from the C-terminal region of human G3BP1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.47 (varies by lot)
Sequence Positions	401-430
Sequence Length	122
Applicable Applications for anti-G3BP1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
G3BP1 Antibody (C-term) (AAA283835)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of G3BP1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
G3BP1 Antibody (C-term) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the G3BP1 antibody detected the G3BP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-G3BP1 antibody	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.
References	Gao, X., et al. FEBS Lett. 584(16):3525-3532(2010) Ortega, A.D., et al. J. Cell. Sci. 123 (PT 16), 2685-2696 (2010) : Hinton, S.D., et al. Biochem. J. 427(3):349-357(2010) Shim, J.H., et al. Cancer Prev Res (Phila) 3(5):670-679(2010) Zhang, H.Z., et al. World J. Gastroenterol. 13(30):4126-4130(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031703
NCBI GeneID	10146
NCBI Accession #	NP_005745.1; NP_938405.1
NCBI GenBank Nucleotide #	NM_005754.2
UniProt Accession #	Q13283; Q5HYE9
Molecular Weight	52164
NCBI Official Full Name	ras GTPase-activating protein-binding protein 1
NCBI Official Synonym Full Names	GTPase activating protein (SH3 domain) binding protein 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/g3bp1-antibody-immunohistochemistry-western-blot-elisa/283835>