

Rabbit anti-Human, Mouse G3BP1 Polyclonal Antibody | anti-G3BP1 antibody

Rabbit anti-G3BP1 Antibody, Affinity Purified

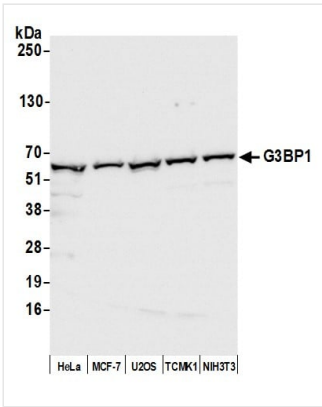
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211731	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

G3BP1; Polyclonal Antibody; Rabbit anti-G3BP1 Antibody; Affinity Purified; GAP SH3 domain-binding protein 1; Ras-GTPase-activating protein SH3-domain-binding protein; RasGAP-associated endoribonuclease G3BP; ras GTPase-activating protein-binding protein 1; HDH-VIII; GTPase activating protein (SH3 domain) binding protein 1; GAP binding protein; G3BP-1; G3BP; DNA helicase VIII; ATP-dependent DNA helicase VIII; hDH VIII; Ras GTPase-activating protein-binding protein 1; G3BP stress granule assembly factor 1; anti-G3BP1 antibody

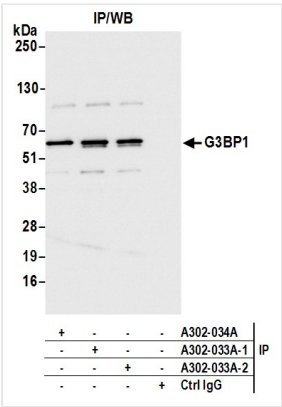
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-G3BP1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 275 and 325
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human and mouse G3BP1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, MCF-7, U2OS, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-G3BP1 antibody AAA211731 (lot AAA211731-2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



IP (Immunoprecipitation)

Detection of human G3BP1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-G3BP1 antibody AAA211731 (lot AAA211731-2) used for IP at 6 ug per reaction. G3BP1 was also immunoprecipitated by a previous lot of this antibody (lot AAA211731-1) and rabbit anti-G3BP1 antibody For blotting immunoprecipitated G3BP1, AAA211731 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.

ADDITIONAL INFORMATION

Related Product Information for anti-G3BP1 antibody	Ras-GAP SH3 domain binding protein (G3BP1) contains an RNA recognition motif (RRM) and an N-terminal nuclear transport factor 2-like (NTF2-like) domain. It was first identified in a screen for proteins that bind the SH3 domain of the Ras GTPase activating protein (RasGAP). It has been shown to function downstream of Ras and play a role in RNA metabolism, signal transduction, and proliferation. G3BP1 is primarily cytoplasmic but has also been localized to the nucleus. G3BP1 has been shown to be overexpressed in human cancers.
Product Categories/Family for anti-G3BP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031703
NCBI GeneID	10146
NCBI Accession #	NP_005745.1
NCBI GenBank Nucleotide #	NM_005754.2
UniProt Accession #	Q13283
Molecular Weight	52,164 Da
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; G3BP-1; GAP binding protein; ATP-dependent DNA helicase VIII; GAP SH3 domain-binding protein 1; RasGAP-associated endoribonuclease G3BP; Ras-GTPase-activating protein SH3-domain-binding protein
UniProt Protein Name	Ras GTPase-activating protein-binding protein 1
UniProt Gene Name	G3BP1
UniProt Synonym Gene Names	G3BP; G3BP-1; hDH VIII

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/g3bp1-antibody-immunoprecipitation-western-blot-elisa/211731>