

Rabbit anti-Human Ras GTPase-activating protein-binding protein 1 Polyclonal Antibody | anti-G3BP1 antibody

Rabbit anti-human Ras GTPase-activating protein-binding protein 1 polyclonal Antibody(G3BP1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119731	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

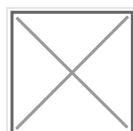
PRODUCT SYNONYMS

Ras GTPase-activating protein-binding protein 1; Polyclonal Antibody; Rabbit anti-human Ras GTPase-activating protein-binding protein 1 polyclonal Antibody(G3BP1); Ras GTPase-activating protein-binding protein 1 (G3BP-1) (EC 3.6.4.12) (EC3.6.4.13) (ATP-dependent DNA helicase VIII) (hDH VIII) (GAP SH3 domain-binding protein 1); G3BP1; G3BP; anti-G3BP1 antibody

PRODUCT SPECIFICATIONS

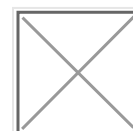
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid; PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	466
Applicable Applications for anti-G3BP1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Non-conjugated
Immunogen	Recombinant human Ras GTPase-activating protein-binding protein 1 protein (227-466aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-70283 / sc-98561
Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	G3BP1
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA119731 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil using AAA119731 dilution 1:100



WB (Western Blot)

All lanes: Carbonic anhydrase 1 antibody at 2ug/ml
Lane 1: HepG2 whole cell lysate
Lane 2: 293T whole cell lysate
Lane 3: 293T whole cell lysate
Secondary: Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 53,14 kDa
Observed band size: 53 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-G3BP1 antibody	May be a regulated effector of stress granule assembly. Phosphorylation-dependent sequence-specific endoribonuclease in vitro. Cleaves exclusively between cytosine and adenine and cleaves MYC mRNA preferentially at the 3'-UTR. ATP- and magnesium-dependent helicase. Unwinds preferentially partial DNA and RNA duplexes having a 17 bp annealed portion and either a hanging 3' tail or hanging tails at both 5'- and 3'-ends. Unwinds DNA/DNA, RNA/DNA, and RNA/RNA substrates with comparable efficiency. Acts unidirectionally by moving in the 5' to 3' direction along the bound single-stranded DNA.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031703
NCBI GeneID	10146
NCBI Accession #	NP_005745.1
NCBI GenBank Nucleotide #	NM_005754.2
UniProt Accession #	Q13283; Q5HYE9
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ras-gtpase-activating-protein-binding-protein-1-antibody-immunohistochemistry-western-blot-elisa/119731>