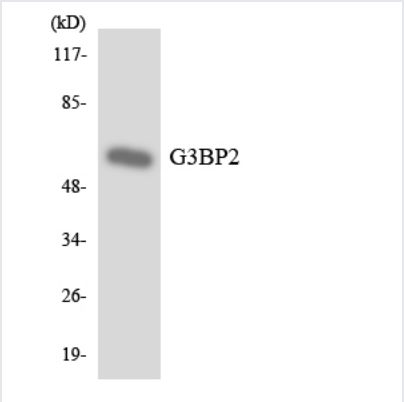
G3BP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	G3BP2, Polyclonal Antibody
Full Product Name	G3BP2 Antibody
Product Gene Name	anti-G3BP2 antibody
Product Synonym Names	G3BP-2; GAP SH3 domain-binding protein 2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	G3BP2 Antibody detects endogenous levels of G3BP2.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	54 kDa
3D Structure	ModBase 3D Structure for Q9UN86
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human G3BP2.
Immunogen Range	432-481
Applications Tested/Suitable for anti-G3BP2 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-G3BP2 antibody	WB: 1:500~1:1000 ELISA: 1:10000
Related Product Information for anti-G3BP2 antibody	MBS9509481 is an antibody targeting G3BP2. Also known as G3BP2 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-G3BP2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-G3BP2 antibody
Western blot analysis of the lysates from HeLa cells using G3BP2 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for G3BP2. It may not necessarily be applicable to this product.

NCBI GI #	19923399
NCBI GeneID	9908
NCBI Accession #	NP_036429.2
UniProt Primary Accession #	Q9UN86
UniProt Secondary Accession #	O60606; O75149; Q9UPA1; A8K6X1
UniProt Related Accession #	Q9UN86
GenBank Nucleotide #	NM_012297.4
NCBI Official Full Name	ras GTPase-activating protein-binding protein 2 isoform a
NCBI Official Synonym Full Names	G3BP stress granule assembly factor 2
NCBI Official Symbol	G3BP2
UniProt Protein Name	Ras GTPase-activating protein-binding protein 2
UniProt Synonym Protein Names	GAP SH3 domain-binding protein 2
Protein Family	Ras GTPase-activating protein-binding protein
UniProt Gene Name	G3BP2
UniProt Synonym Gene Names	KIAA0660; G3BP-2
NCBI Protein Information	ras GTPase-activating protein-binding protein 2
UniProt Comments for G3BP2	Probable scaffold protein that may be involved in mRNA transport.
Research Articles on G3BP2	**1.** Translocation of p53 is regulated by androgen-dependent sumoylation mediated by the G3BP2-interacting SUMO-E3 ligase, RanBP2. G3BP2 knockdown results in reduced tumor growth and increased nuclear p53 accumulation in mouse xenograft models of prostate cancer with or without long-term androgen deprivation.
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