

anti-Human G3BP-1 Antibody | anti-G3BP-1 antibody

G3BP-1 (Phospho-Ser232) Antibody

CATALOG # AAA110016	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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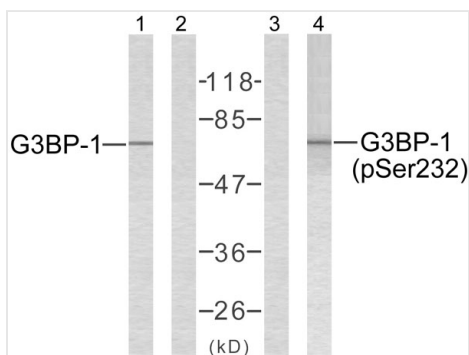
PRODUCT SYNONYMS

G3BP-1; G3BP-1 (Phospho-Ser232) Antibody; anti-G3BP-1 antibody

PRODUCT SPECIFICATIONS

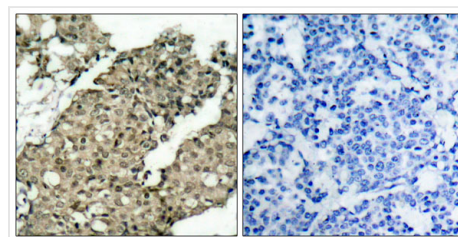
Reactivity	Human
Specificity	G3BP-1 (phospho-Ser232) antibody detects endogenous levels of G3BP-1 only when phosphorylated at serine 232.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	466
Applicable Applications for anti-G3BP-1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human G3BP-1 around the phosphorylation site of serine 232 (S-S-SP-P-A).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from 293 cells using G3BP-1 (Ab-232) antibody (Line 1 and 2) and G3BP-1 (phospho-Ser232) antibody (Line 3 and 4).



IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using G3BP-1 (phospho-Ser232) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-G3BP-1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Tao WA, et al. (2005) Nat Methods. 2(8): 591-598. Zheng H, et al. (2005) Mol Cell Proteomics. 4(6):721-730. Beausoleil SA, et al. (2004) Proc Natl Acad Sci U S A.101 (33): 12130-12135. Tourrihre H, et al. (2003) J Cell Biol.160 (6): 823-831.
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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
Molecular Weight	13,874 Da
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

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.