

G3BP1 antibody

Catalog No: #38645

Package Size: #38645-1 50ul #38645-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

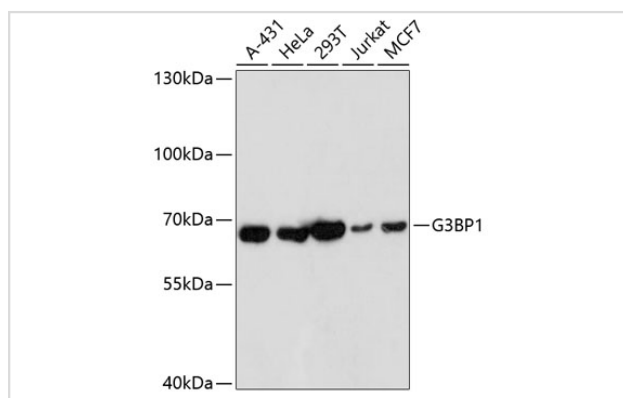
Product Name	G3BP1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total G3BP1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human G3BP1.
Conjugates	Unconjugated
Target Name	G3BP1
Other Names	G3BP; HDH-VIII;
Accession No.	Swiss-Prot#: Q13283NCBI Gene ID: 10146
SDS-PAGE MW	52kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

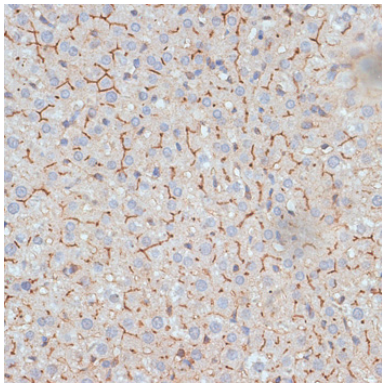
Western blotting: □1:500 - 1:2000

Immunofluorescence: □1:50 - 1:200

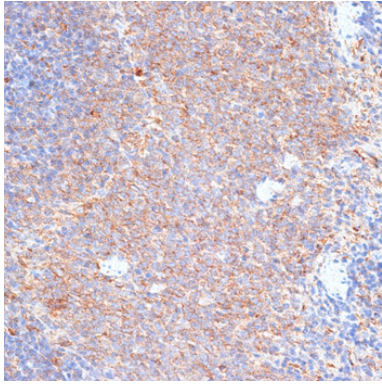
Images



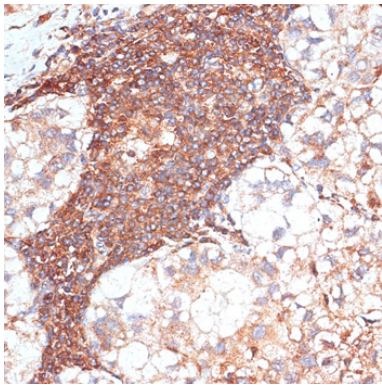
Western blot analysis of extracts of various cell lines, using G3BP1 antibody at 1:1000 dilution.



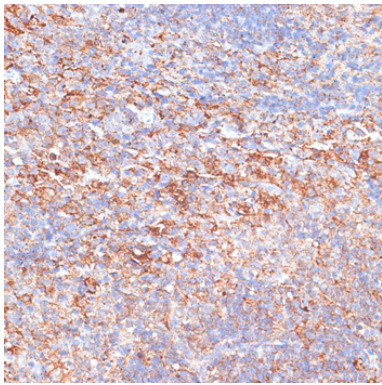
Immunohistochemistry of paraffin-embedded rat liver using G3BP1 antibody at dilution of 1:100 (40x lens).



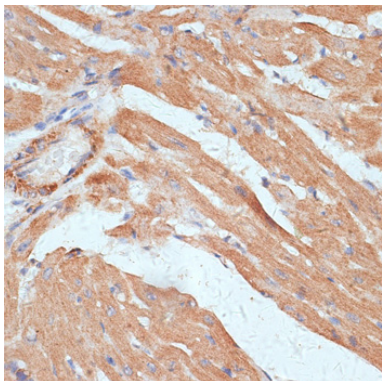
Immunohistochemistry of paraffin-embedded rat spleen using G3BP1 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver cancer using G3BP1 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using G3BP1 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse heart using G3BP1 antibody at dilution of 1:100 (40x lens).

Background

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.

Published Papers

el at., Pyruvate Kinase M (PKM) binds ribosomes in a poly-ADP ribosylation dependent manner to induce translational stalling In Nucleic Acids Res On2023 Jul 7byNevraj S Kejiou , Lena Ilan et al..PMID:37224531, , (2023)

[PMID:37224531](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.