

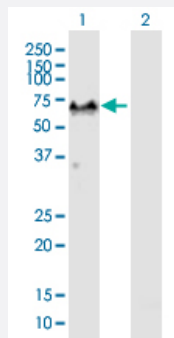
MaxPab®

G3BP1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010146-B01P

Size 50 ug

Applications

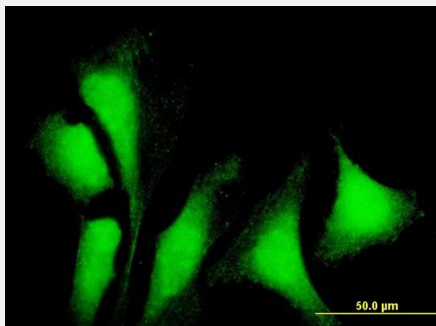


Western Blot (Transfected lysate)

Western Blot analysis of G3BP1 expression in transfected 293T cell line ([H00010146-T02](#)) by G3BP1 MaxPab polyclonal antibody.

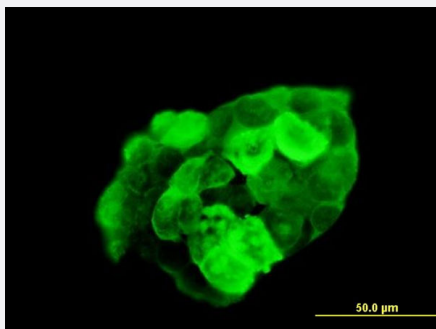
Lane 1: G3BP1 transfected lysate(52.20 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to G3BP1 on HeLa cell.
[antibody concentration 10 ug/ml]



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to G3BP1 on 293T cell.
[antibody concentration 1 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human G3BP1 protein.

Immunogen	G3BP1 (NP_005745.1, 1 a.a. ~ 466 a.a) full-length human protein.
Sequence	MVMEKPSPLLVGREFVRQYYTLLNQAPDMLHRFYGKNSSVYHGGLD SNGKPADAVYGQKEIHRK VMSQNFTNCHTKIRHVDAAHATLNDGVVVQVMGLLSNNNQALRRFMQTFVLAPEGSVANKFYVHN DIFRYQDEVFGGFVTEPQEESEEEVEEPEERQQTPPEVVPDDSGTFYDQAVVSNDMEEHLEEPV AEPEPDPEPEPEQEPVSEIQEEKPEPVLEETAPEDAQKSSSPAPADIAQTQEDLRTFSWASVT SKNLPPSGAVPVTGIPPHVVKVPASQPRPESKPESQIPPQRPQRDQRVREQRINIPPQRGPRPIR EAGEQGDIERRMVRHPDSHQLFIGNLPHEVDKSELKDFQSYGNVVELRINSGGKLPNFGFVVF DDSEPVQKVL SNRPIMFRGEVRLNVEEKKTRAAREGDRRDNR LRGPGGPRGGLGGGMRGPPR GGMVQKPGFGVGRGLAPRQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to G3BP1 on HeLa cell. [antibody concentration 10 ug/ml]

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to G3BP1 on 293T cell. [antibody concentration 1 ug/ml]

Gene Info — G3BP1

Entrez GeneID [10146](#)

GeneBank Accession#	NM_005754
Protein Accession#	NP_005745.1
Gene Name	G3BP1
Gene Alias	G3BP, HDH-VIII, MGC111040
Gene Description	GTPase activating protein (SH3 domain) binding protein 1
Omim ID	608431
Gene Ontology	Hyperlink
Gene Summary	<p>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. [provided by RefSeq]</p>
Other Designations	GAP binding protein OTTHUMP00000160618 Ras-GTPase-activating protein SH3-domain-binding protein RasGAP-associated endoribonuclease G3BP

Publication Reference

- [Ataxin-2-like is a regulator of stress granules and processing bodies.](#)

Kaehler C, Isensee J, Nonhoff U, Terrey M, Hucho T, Lehrach H, Krobitch S.

PLoS One 2012 Nov; 7(11):e50134.

Application: IF, IP-WB, WB-Ce, Human, HEK 293T, HeLa cells