

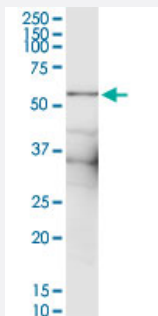
MaxPab®

G3BP1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00010146-D01

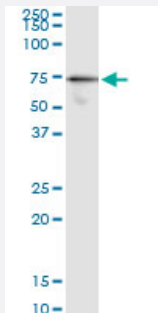
Size 100 uL

Applications



Western Blot (Tissue lysate)

G3BP1 MaxPab rabbit polyclonal antibody. Western Blot analysis of G3BP1 expression in mouse brain.



Immunoprecipitation

Immunoprecipitation of G3BP1 transfected lysate using anti-G3BP1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with G3BP1 monoclonal antibody (M01), clone 2F3 ([H00010146-M01](#)).

Specification

Product Description

Rabbit 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

MVMEKPSPLLVGREFVRQYYTLLNQAPDMLHRFYGKNSSYVHGGLDSNGKPADAVYGQKEIHRK
VMSQNFTNCHTKIRHVDAAHATLNDGVVVQVMGLLSNNNQALRRFMQTFVLAPEGSVANKFYVHN
DIFRYQDEVFGGFVTEPQEESEEEVEEPEERQQTPPEVVPDDSGTFYDQAVVSNDMEEHLEPV
AEPEPDPEPEPEQEPVSEIQEEKPEPVLEETAPEDAQKSSSPAPADIAQTVQEDLRTFSWASVT
SKNLPPSGAVPVTGIPPHVVKVPASQPRPESKPESQIPPQRPQRDQRVREQRINIPPQRGPRPIR
EAGEQGDIERRMVRHPDSHQLFIGNLPHEVDKSELKDFQSYGNVVELRINSGGKLPNFGFVVV
DDSEPVQKVLNRPIMFRGEVRLNVEEKKTRAAREGDRRDNRRLRGPGGPRGGLGGMRGPPR
GGMVQKPGFGVGRGLAPRQ

Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

G3BP1 MaxPab rabbit polyclonal antibody. Western Blot analysis of G3BP1 expression in mouse brain.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of G3BP1 transfected lysate using anti-G3BP1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with G3BP monoclonal antibody (M01), clone 2F3 ([H00010146-M01](#)).

[Protocol Download](#)

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

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]

Other Designations

GAP binding protein|OTTHUMP00000160618|Ras-GTPase-activating protein SH3-domain-binding protein|RasGAP-associated endoribonuclease G3BP