

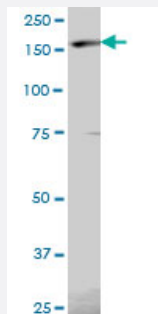
MaxPab®

EIF5B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009669-B01P

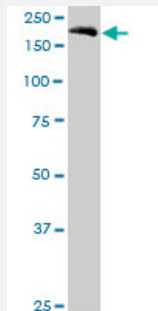
Size 50 ug

Applications



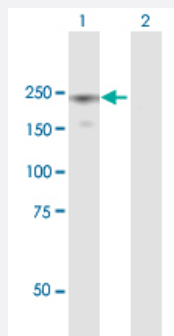
Western Blot (Tissue lysate)

EIF5B MaxPab polyclonal antibody. Western Blot analysis of EIF5B expression in human placenta.



Western Blot (Cell lysate)

EIF5B MaxPab polyclonal antibody. Western Blot analysis of EIF5B expression in Jurkat.

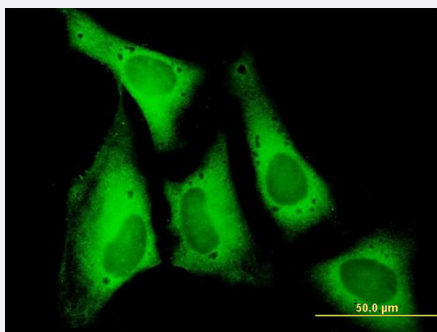


Western Blot (Transfected lysate)

Western Blot analysis of EIF5B expression in transfected 293T cell line ([H00009669-T01](#)) by EIF5B MaxPab polyclonal antibody.

Lane 1: EIF5B transfected lysate(134.2 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to EIF5B on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human EIF5B protein.
Immunogen	EIF5B (AAH32639.1, 1 a.a. ~ 1220 a.a) full-length human protein.
Sequence	MGKKQKNKSEDSTKDDIDLALAAEIEGAGAAKEQEPQKSKGKKKKEKKKQDFDEDDILKELEE LSLEAQGIKADRETVAVKPTENNEEEFTSKDKKKKGQKGGKQSFDDNDSELEDKDSKSKKTA KPKVEMYSGSDDDDDFNKLPKKAKGKAQKSNKKWDGSEEDDNSKKIKERSRINSSGESGDE SDEFLQSRKGQKKNQKNKPGPNIESGNEDDDASFQIKTVAQKKAEEKKERERKKRDEEKAKLRKL KEKEELETGKKDQSKQKESQRKFEEETVSKSVTVDTGVIPASEEKAETPTAAEDDNEGDKKKK DKKKKKGEKEEKEKEKKKGPSKATVKAMQEALAKLKEEEERQKREEEERIKRLEELEAKRKEE ERLEQEKRERKKQKEKERKERLKKEGKLLTKSQREARARAEATLKLQAQGVVPSKDSLPPKKR PYEDKKRKKIPQQLESKEVSESMELCAAVEVMEQGVPEKEETPPPVEPEEEEDTEDAGLDDW EAMASDEETEKVEGNTVHIEVKENPEEEEEEEEEEEEEDEESEESEEEEEGESEGSEGDEEDEKV SDEKDSGKTLDDKPSKEMSSDSEYSDDDRTKEERAYDKAKRRIEKRRLHESKNVNTKLRAPII CVLGHVDTGKTKILDKLRHVVQDGEAGGITQQIGATNVPLEAINEQTKMIKNFDRENVRIPGMLIIDT PGHESFSNLRNRGSSLCDAILVVDIMHGLEPQTIESINLLSKKCPFVALNKIDRLYDWKKSPDSD VAATLKKQKKNTKDEFEERAKAIVEFAQQGLNAALFYENKDPRTFVSLVPTSAHTGDGMGSLMYL LVELTQTMLSKRLAHCEELRAQVMEVKALPGMGTTIDVILINGRLKEGDTIIVPGVEGPVTVQIRGLLL PPPMKELRVKNQYEKHKEVEAAQGVKILGKDLEKTLAGLPLLVAYKEDEIPVLKDELIHELKQTLN AIKLEEKGVYVQASTLGSLEALLEFLKTSEVPYAGINIGPVHKKDVMKASVMLEHDPQYAVNLAFD VRIERDAQEMADSLGVRIFSAEIYHLFDAFTKYRQDYKKQKQEEFKHIAVFPCKIKILPQYIFNSRDPI VMGVTVEAGQVKQGTMPVPSKNFVDIGVTSIEINHKKQVDVAKKGQEVCKIEPIPGESPKMFGR HFEATDILVSKISRQSIDALKDWFRDEMKSQSDWQLVLELKKVFEII
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (89)
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 (Tissue lysate)

EIF5B MaxPab polyclonal antibody. Western Blot analysis of EIF5B expression in human placenta.

[Protocol Download](#)

- Western Blot (Cell lysate)

EIF5B MaxPab polyclonal antibody. Western Blot analysis of EIF5B expression in Jurkat.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of EIF5B expression in transfected 293T cell line ([H00009669-T01](#)) by EIF5B MaxPab polyclonal antibody.

Lane 1: EIF5B transfected lysate(134.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to EIF5B on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — EIF5B

Entrez GeneID	9669
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GeneBank Accession#	BC032639.1
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Protein Accession#	AAH32639.1
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Gene Name	EIF5B
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Gene Alias	DKFZp434I036, FLJ10524, IF2, KIAA0741
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Gene Description	eukaryotic translation initiation factor 5B
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Omim ID	606086
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Gene Ontology	Hyperlink
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Gene Summary

Accurate initiation of translation in eukaryotes is complex and requires many factors, some of which are composed of multiple subunits. The process is simpler in prokaryotes which have only three initiation factors (IF1, IF2, IF3). Two of these factors are conserved in eukaryotes: the homolog of IF1 is eIF1A and the homolog of IF2 is eIF5B. This gene encodes eIF5B. Factors eIF1A and eIF5B interact on the ribosome along with other initiation factors and GTP to position the initiation methionine tRNA on the start codon of the mRNA so that translation initiates accurately. [provided by RefSeq]

Other Designations

translation initiation factor IF2

Publication Reference

- [Association of EV71 3C polymorphisms with clinical severity.](#)

Ma HY, Lu CY, Tsao KC, Shih HM, Cheng AL, Huang LM, Chang LY.

Journal of Microbiology, Immunology, and Infection 2017 Jul; [Epub].

Application: WB-Tr, Human, SF268 cells