

EIF4B Antibody
Mouse Monoclonal Antibody (Mab)
Catalog # AM1962b

Specification

EIF4B Antibody - Product Information

Application	WB,E
Primary Accession	P23588
Other Accession	NP_001408.2
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k

EIF4B Antibody - Additional Information

Gene ID 1975

Other Names

Eukaryotic translation initiation factor 4B, eIF-4B, EIF4B

Target/Specificity

This EIF4B monoclonal antibody is generated from mouse immunized with EIF4B recombinant protein.

Dilution

WB~~1:500

Format

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

EIF4B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

EIF4B Antibody - Protein Information

Name EIF4B

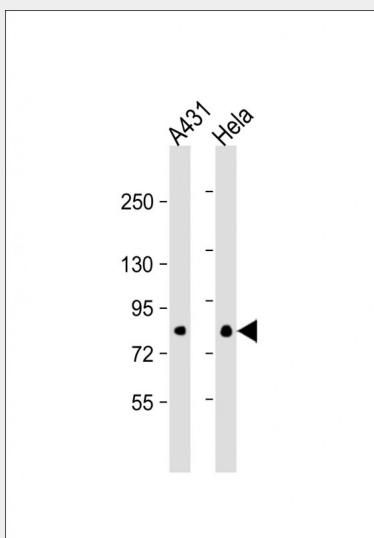
Function Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.

EIF4B Antibody - Protocols

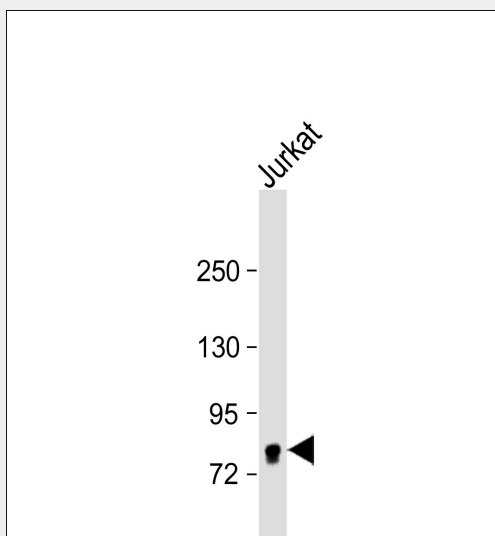
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EIF4B Antibody - Images



All lanes : Anti- EIF4B Antibody at 1:1000 dilution Lane 1: A431 whole cell lysate Lane 2: HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 69 kDa Blocking/Dilution buffer: 5% NFD/MTBST.



"Anti-EIF4B Antibody at 1:500 dilution + Jurkat whole cell lysate Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 69151 Da Blocking/Dilution buffer: 5% NFDm/TBST."

EIF4B Antibody - Background

Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.

EIF4B Antibody - References

Mokas, S., et al. Mol. Biol. Cell 20(11):2673-2683(2009)
Rozovsky, N., et al. RNA 14(10):2136-2148(2008)
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
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