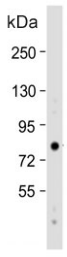
EIF4B Rabbit Polyclonal Antibody (F54732)

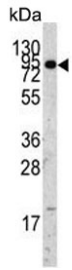
Catalog No.	Formulation	Size
F54732-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54732-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

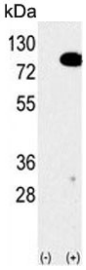
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P23588
Applications	Immunohistochemistry (FFPE): 1:25 Western blot: 1:500-1:2000
Limitations	This EIF4B Rabbit Polyclonal Antibody is available for research use only.



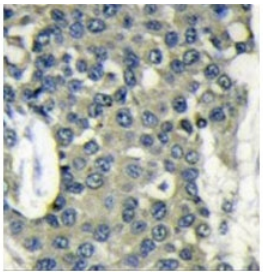
Western blot testing of human HeLa cell lysate with EIF4B Rabbit Polyclonal Antibody. Predicted molecular weight ~69 kDa.



Western blot testing of human K562 cell lysate with EIF3B antibody. Predicted molecular weight ~69 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with EIF4B antibody.



IHC testing of FFPE human breast cancer tissue with EIF4B antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

EIF4B is required for the binding of mRNA to ribosomes. It functions in close association with EIF4-F and EIF4-A by binding near the 5'- terminal cap of mRNA in presence of EIF-4F and ATP. This gene also promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.

For additional EIF4B research, explore our EIF4B Antibody, featuring knockout-validated Western blot analysis and complementary immunohistochemistry and flow cytometry data.

Application Notes

The stated application concentrations are suggested starting points. Titration of the EIF4B Rabbit Polyclonal Antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 546-575 from the human protein was used as the immunogen for the EIF4B antibody.

Storage

Aliquot the EIF4B antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.