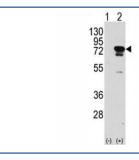


# EIF4B Antibody (F40110)

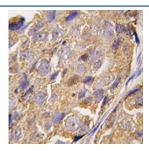
Catalog No.	Formulation	Size
F40110-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40110-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P23588
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50
Limitations	This EIF4B antibody is available for research use only.



Western blot analysis of EIF4B antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the EIF4B gene (2).



IHC analysis of FFPE human breast carcinoma tissue stained with EIF4B antibody

## **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. It also promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F

## **Application Notes**

Titration of the EIF4B antibody may be required due to differences in protocols and secondary/substrate sensitivity.

### **Immunogen**

A portion of amino acids 400-429 from the human protein was used as the immunogen for this EIF4B antibody.

#### **Storage**

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