
Product Name: Phospho-eIF4B (Ser406) Rabbit Monoclonal Antibody**Catalog #: AMRe84898**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 69 kDa; Observed MW: 80 kDa

Antigen Information

Gene Name	Phospho-eIF4B (Ser406)
Alternative Names	EIF-4B; PRO1843
Gene ID	1975.0
SwissProt ID	P23588
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser406 of human eIF4B

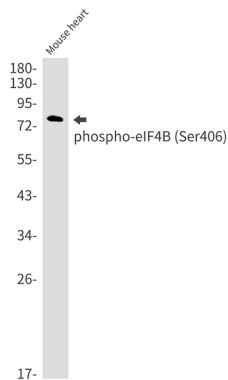
Background

The eukaryotic translation initiation factor 4B (eIF4B) plays a critical role in recruiting the 40S ribosomal subunit to the mRNA. It functions in close association with eIF4F and eIF4A. It binds near the 5'-terminal cap of mRNA in the presence of eIF4F and ATP. It promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both eIF4A and eIF4F

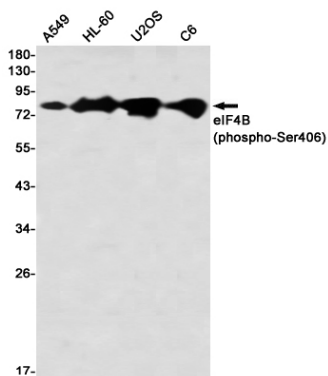
Research Area

PI3K-Akt signaling pathway, mTOR signaling pathway

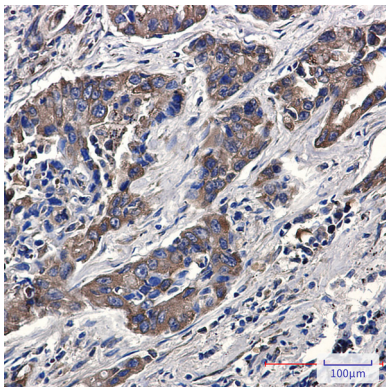
Image Data



Western blot analysis of Phospho-eIF4B (Ser406) in mouse heart lysates using Phospho-eIF4B (Ser406) antibody.



Western blot analysis of eIF4B (Phospho-Ser406) in A549, HL-60, U2OS, C6 lysates using eIF4B (Phospho-Ser406) antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using eIF4B (Phospho-Ser406) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.