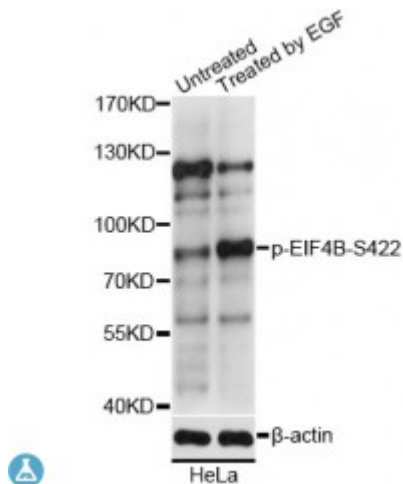


Anti-Phospho-EIF4B-(S422) Antibody



Model	STJ116395
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	A synthetic phosphorylated peptide around S422 of human EIF4B (NP_001408.2).
Gene ID	1975
Gene Symbol	EIF4B
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Eukaryotic translation initiation factor 4B eIF-4B
Molecular Weight	69.151 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:3285OMIM:603928Reactome:R-HSA-156827
Alternative Names	Eukaryotic translation initiation factor 4B eIF-4B

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

**Post-translational
Modifications**

Phosphorylated at Ser-422 by RPS6KA1 and RPS6KB1

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