Anti-Phospho-eIF4B (Ser422) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108398

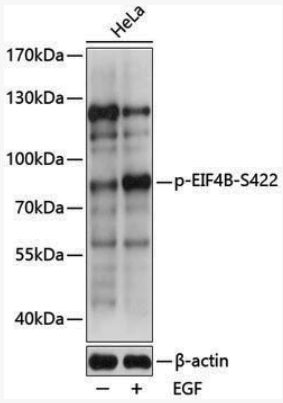
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:500~1:2000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around S422 of human EIF4B (NP_001408.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-eIF4B (Ser422) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	EIF-4B; PRO1843; Phospho-EIF4B-S422.
Calculated MW	Calculated MW: 69 kDa; Observed MW: 80 kDa
Uniprot ID	P23588
Gene ID	1975
Background	Enables RNA binding activity. Predicted to be involved in eukaryotic translation initiation factor 4F complex assembly and formation of translation preinitiation complex. Located in cytosol. Biomarker of autism spectrum disorder and major depressive disorder.

Validation Images



Western blot analysis of lysates from HeLa cells, using Phospho-EIF4B-S422 Rabbit pAb (P108398) at 1:2,000 dilution. HeLa cells were treated by EGF (100ng/mL) for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Kit.
Exposure time: 60s.