eIF4B(phospho-Ser422) Antibody

Catalog No: #11513



Package Size: #11513-1 50ul #11513-2 100ul #11513-4 25ul

Overview

Product Name	elF4B(phospho-Ser422) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms
Immunogen Type	Peptide-KLH
Target Name	elF4B
Modification	Phospho-Ser422

Application Details

Predicted MW: 80kd		
Western blotting: 1:500~1:1000		
Immunohistochemistry: 1:50~1:100		

Images



Western blot analysis of extracts from Hela cells untreated or treated with EGF using eIF4B(phospho-Ser422) Antibody #11513.



Immunohistochemical analysis of paraffin-embedded human lung carcinomatissue using eIF4B(Phospho-Ser422) Antibody #11513(left) or the same antibody preincubated with blocking peptide(right).

Descriptions	
Immunogen	Peptide sequence around phosphorylation site of Serine 422 (T-G-S(p)-E-S) derived from Human eIF4B.
Specificity	The antibody detects endogenous level of eIF4B only when phosphorylated at Serine 422.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates.
	Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho
	specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02%
	sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P23588NCBI Protein: NP_001408.2

Related Information

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. Gingras, A.C. et al. (2001) Genes Dev. 15, 807-826.

Duncan, R. and Hershey, J.W. (1985) J. Biol. Chem. 260, 5493-5497.

Duncan, R.F. and Hershey, J.W. (1989) J. Cell Biol. 109, 1467-1481.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.