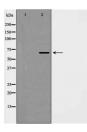


Phospho-eIF4B (Ser422) Ab

Images(1)

Cat.#: AF5428 Size:	Concn.: ~1mg/ml Source: Rabbit	Mol.Wt.: 69 kDa Clonality: Polyclonal
Application: Reactivity:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500 *The optimal dilutions should be determined by the end user. Human,Mouse	
Reactivity.	Human, Wouse	
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.	
Immunogen:	A synthesized peptide derived from human eIF4B around the phosphorylation site of Ser422.	
Uniprot:	P23588	
Description:	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.	



Western blot analysis of eIF4B (Phospho-Ser422) expression in HepG2 cells. The lane on the left was treated with the antigen-specific peptide.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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