

Phospho-eIF4E (Ser209) Antibody

Cat. No.:	HY-P80812
Synonyms:	Phospho-eIF4E (Ser209) Antibody is a non-conjugated and Rabbit originated monoclonal antibody about 25 kDa, targeting to Phospho-eIF4E (Ser209). It can be used for WB,IHC-F,IHC-P,ICC/IF,IP assays with tag free, in the background of Human, Mouse, Rat.
Host:	Rabbit
Reactivity:	Human,Mouse,Rat
Conjugation:	Non-conjugated
SwissProt ID:	P06730
Research Field:	Epigenetics and Nuclear Signaling
Molecular Weight:	Predicted band size: 25 kDa

PROPERTIES

Formulation	Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% Sodium azide	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IHC	1:50-1:100
	IF	1:50-1:200
	IP	1:20
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	eIF4E: The protein encoded by this gene is a component of the eukaryotic translation initiation factor 4F complex, which recognizes the 7-methylguanosine cap structure at the 5' end of messenger RNAs. The encoded protein aids in translation initiation by recruiting ribosomes to the 5'-cap structure. Association of this protein with the 4F complex is the rate-limiting step in translation initiation. This gene acts as a proto-oncogene, and its expression and activation is associated with transformation and tumorigenesis. Several pseudogenes of this gene are found on other chromosomes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]
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Caution: Product has not been fully validated for medical applications. For research use only.

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