

Anti-Phospho-EIF2AK2 (Thr258) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Actual: 62 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications

Application:	ELISA,IF,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-300; ELISA: 1:20000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized phosphopeptide: human PKR around the phosphorylation site of Thr258. AA range:226-275
Antigen Species:	Human
Uniprot ID:	P19525
Synonyms:	p68 kinase;eIF2A protein kinase2;EIF2AK2 (p-T258);EIF2AK2 (pT258);EIF2AK2 (p-Thr258); EIF2AK2 (phospho-Thr258)

Research Background

eukaryotic translation initiation factor 2 alpha kinase 2(EIF2AK2) Homo sapiens The protein encoded by this gene is a serine/threonine protein kinase that is activated by autophosphorylation after binding to dsRNA. The activated form of the encoded protein can phosphorylate translation initiation factor EIF2S1, which in turn inhibits protein synthesis. This protein is also activated by manganese ions and heparin. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],

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