

PKR (phospho Thr258) Polyclonal Antibody

Catalog No: #13609

Package Size: #13609-1 50ul #13609-2 100ul

Description

Product Name	PKR (phospho Thr258) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human
Specificity	Phospho-PKR (T258) Polyclonal Antibody detects endogenous levels of PKR protein only when phosphorylated at T258.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human PKR around the phosphorylation site of Thr258. AA range:226-275
Conjugates	Unconjugated
Other Names	EIF2AK2; PKR; PRKR; Interferon-induced; double-stranded RNA-activated protein kinase; Eukaryotic translation initiation factor 2-alpha kinase 2; eIF-2A protein kinase 2; Interferon-inducible RNA-dependent protein kinase; P1/eIF-2A protein k
Accession No.	Swiss Prot:P19525GeneID:5610
SDS-PAGE MW	62
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

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],

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