

Product datasheet for **TA325443**

PKR (EIF2AK2) Rabbit Polyclonal Antibody

Product data:

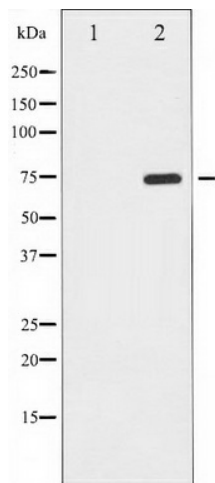
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human PKR around the phosphorylation site of Threonine 446
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	74 kDa
Gene Name:	eukaryotic translation initiation factor 2 alpha kinase 2
Database Link:	NP_001129123 Entrez Gene 5610 Human P19525
Background:	PKR a protein kinase of the PEK family. Upon binding double-stranded RNA, it becomes autophosphorylated and activated. Phosphorylates and inhibits the alpha subunit of eIF2 alpha, which leads to an inhibition of the initiation of protein synthesis.
Synonyms:	EIF2AK1; PKR; PPP1R83; PRKR



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Protein Families: Druggable Genome, Protein Kinase, Transcription Factors

Product images:



Western blot analysis of PKR phosphorylation expression in Starvation treated K562 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.