

Product datasheet for **TA325443S**

PKR (EIF2AK2) Rabbit Polyclonal Antibody

Product data:

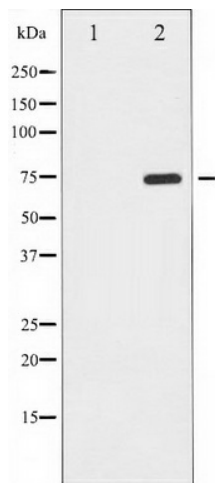
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB: 1:500-1:2000 |
| Reactivity: | Human |
| Modifications: | Phospho-specific |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | 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.