

## Anti-Phospho-EIF2AK2-T446 antibody [S1MR] (STJ11102631)

STJ11102631

### GENERAL INFORMATION

<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	WB/ELISA
<b>Applications</b>	
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

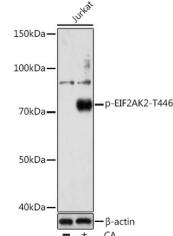
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S1MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	5610
<b>Gene Symbol</b>	EIF2AK2
<b>Uniprot ID</b>	E2AK2_HUMAN
<b>Immunogen</b>	KRTRS
<b>Immunogen Region</b>	
<b>Specificity</b>	A synthetic phosphorylated peptide around T446 of human PKR/EIF2AK2E2AK2 (P19525).
<b>Immunogen</b>	KRTRS
<b>Sequence</b>	



Western blot analysis of extracts of various cell lines, using Phospho-PKR/EIF2AK2-T446 rabbit monoclonal antibody (A4869) at 1:1000 dilution. HeLa cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25μg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 3min.



Western blot analysis of extracts of various cell lines, using Phospho-PKR/EIF2AK2-T446 rabbit monoclonal antibody (A4869) at 1:1000 dilution. Jurkat cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25μg per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit. Exposure time: 3min.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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