

## (KO Validated) EIF2AK1 Polyclonal Antibody

catalog number: **E-AB-92534**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

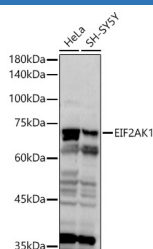
### Description

<b>Reactivity</b>	Human;Mouse
<b>Immunogen</b>	Recombinant fusion protein of human EIF2AK1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

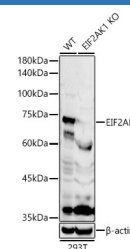
<b>WB</b>	1:500-1:2000
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### Data



Western blot analysis of various lysates using EIF2AK1 Polyclonal Antibody at 1:1000 dilution.

**Observed-MV:74 kDa**  
**Calculated-MV:71 kDa**



Western blot analysis of extracts from wild type (WT) and EIF2AK1 knockout (KO) 293T cells using EIF2AK1 Polyclonal Antibody at 1:1000 dilution.

**Observed-MV:74 kDa**  
**Calculated-MV:71 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

The protein encoded by this gene acts at the level of translation initiation to downregulate protein synthesis in response to stress. The encoded protein is a kinase that can be inactivated by hemin. Two transcript variants encoding different isoforms have been found for this gene.

### For Research Use Only