

## eIF2 $\beta$ (Phospho Ser67) Rabbit pAb

CatalogNo: YP1615

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse, Rat

**Applications**

- WB, ELISA

**MW**

- 69kD (Observed)

**Isotype**

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:1000-2000****ELISA 1:5000-20000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human eIF2B (Phospho Ser67)

**Specificity** This antibody detects endogenous levels of Human eIF2B (Phospho Ser67). The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): DAsDD

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## | Target Information

**Gene name** EIF2S2 EIF2B

**Protein Name** eIF2B (Phospho Ser67)

Organism	Gene ID	UniProt ID
Human	<a href="#">8894</a> ;	<a href="#">P20042</a> ;
Mouse	<a href="#">67204</a> ;	<a href="#">Q99L45</a> ;

### Function

Function:eIF-2 functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA. This complex binds to a 40S ribosomal subunit, followed by mRNA binding to form a 43S preinitiation complex. Junction of the 60S ribosomal subunit to form the 80S initiation complex is preceded by hydrolysis of the GTP bound to eIF-2 and release of an eIF-2-GDP binary complex. In order for eIF-2 to recycle and catalyze another round of initiation, the GDP bound to eIF-2 must exchange with GTP by way of a reaction catalyzed by eIF-2B.,similarity:Belongs to the eIF-2-beta/eIF-5 family.,subunit:Heterotrimer composed of an alpha, a beta and a gamma chain. Component of an EIF2 complex at least composed of CUGBP1, CALR, CALR3, EIF2S1, EIF2S2, HSP90B1 and HSPA5.,

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## | Validation Data

## | Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
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Website: <http://www.immunoway.com>  
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Please scan the QR code to access additional product information:  
**eIF2 $\beta$  (Phospho Ser67) Rabbit pAb**

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[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)