

A5035

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## eIF2A Rabbit pAb

Catalog No.: A5035

### Basic Information

#### Observed MW

36kDa

#### Calculated MW

65kDa

#### Category

Polyclonal Antibody

#### Applications

WB,FC

#### Cross-Reactivity

Human

### Background

This gene encodes a eukaryotic translation initiation factor that catalyzes the formation of puromycin-sensitive 80 S preinitiation complexes and the poly(U)-directed synthesis of polyphenylalanine at low concentrations of Mg<sup>2+</sup>. This gene should not be confused with eIF2- $\alpha$  (EIF2S1, Gene ID: 1965), the  $\alpha$  subunit of the eIF2 translation initiation complex. Although both of these proteins function in binding initiator tRNA to the 40 S ribosomal subunit, the encoded protein does so in a codon-dependent manner, whereas eIF2 complex requires GTP. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.

### Recommended Dilutions

WB 1:500 - 1:2000

FC 1:20- 1:50

### Immunogen Information

#### Gene ID

83939

#### Swiss Prot

Q9BY44

#### Immunogen

A synthetic peptide of human eIF2A

#### Synonyms

CDA02; EIF-2A; MST089; MSTP004; MSTP089; eIF2A

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

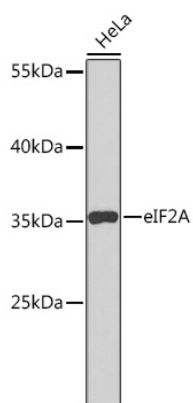
#### Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,pH7.3.

## Validation Data

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Western blot analysis of lysates from HeLa cells, using eIF2A Rabbit pAb (A5035).  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.