

A5035

Leader in Biomolecular Solutions for Life Science



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 Mg²⁺. This gene should not be confused with eIF2- α (EIF2S1, Gene ID: 1965), the α 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

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

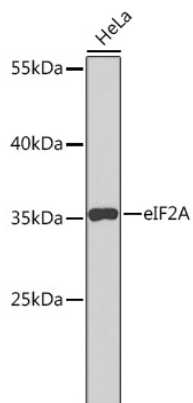
Affinity purification

Storage

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

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

Validation Data



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.