

Anti-EIF2A Antibody

Catalog Number: M04387-2

About EIF2S1

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.

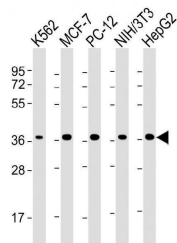
Overview

Product Name	Anti-EIF2A Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-EIF2A Antibody (Catalog # M04387-2). Tested in WB application(s). This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Monoclonal 1763CT102.71.17
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	P05198

Technical Details

Immunogen	This EIF2A antibody is generated from a mouse immunized with a recombinant protein of human EIF2A.
Predicted Reactive Species	Chicken, Mouse
Isotype	IgG2b,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:2000

Anti-EIF2A Antibody (M04387-2) Images



All lanes : Anti-EIF2A Antibody at 1:2000 dilution
Lane 1: K562 whole cell lysate
Lane 2: MCF-7 whole cell lysate
Lane 3: PC-12 whole cell lysate
Lane 4: NIH/3T3 whole cell lysate
Lane 5: HepG2 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 36 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

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Anti-EIF2A Antibody

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