

Phospho-EIF2S1 (Ser51) antibody antibody

Product Information

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| Catalog No.: | FNab10672 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Protein A+G purification |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Mouse |
| Clonality: | monoclonal |
| Clone ID: | 9I7 |
| IsoType: | IgG1 |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

Background

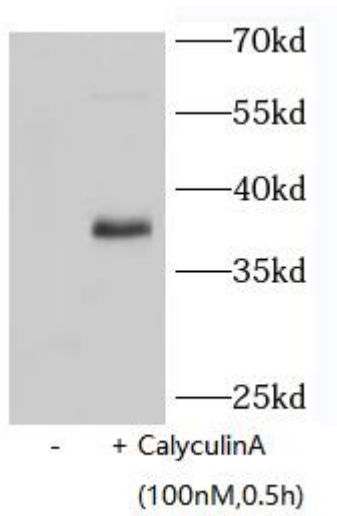
Functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA. This complex binds to a 40S ribosomal subunit, followed by mRNA binding to form a 43S preinitiation complex. Junction of the 60S ribosomal subunit to form the 80S initiation complex is preceded 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.

Immunogen information

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| Immunogen: | eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa |
| Synonyms: | EIF 2, eIF 2 alpha, EIF 2A, EIF 2alpha, EIF2, EIF2A, EIF2S1/EIF2A, eIF2α |
| Observed MW: | 36 kDa |
| Uniprot ID : | P05198 |

Application

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|---------------------------|-------------------|
| Reactivity: | Human, Mouse, Rat |
| Tested Application: | ELISA, WB |
| Recommended dilution: WB: | 1:1000-1:10000 |
| Image: | |



Hela lysates were subjected to SDS PAGE followed by western blot with FNab10672 at dilution of 1:5000