SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-phospho-EEF1A2 (Ser358)antibody

Catalog Number: SL14508R

FOR RESEARCH USE ONLY

[DATASHEET]

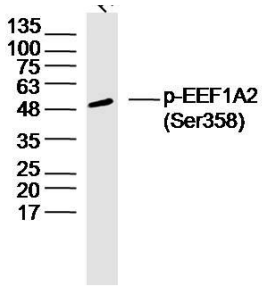
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	phospho-EEF1A2（Ser358）
Immunogen:	KLH conjugated Synthesised phosphopeptide derived from human EEF1A2 around the phosphorylation site of Ser358: GY(p-S)PV
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat)
Predicted MW.:	50kDa
Subcellular Location:	The nucleus
Background:	This gene encodes an isoform of the alpha subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This isoform (alpha 2) is expressed in brain, heart and skeletal muscle, and the other isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas. This gene may be critical in the development of ovarian cancer. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008] **Function:** This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis. **Subcellular Location:** Nucleus. **Tissue Specificity:** Brain, heart, and skeletal muscle. **Similarity:** Belongs to the GTP-binding elongation factor family. EF-Tu/EF-1A subfamily. **Database links:**

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Entrez Gene: 1917 Human **Entrez Gene:** 13628 Mouse **Entrez Gene:** 24799 Rat **Entrez Gene:** 101109898 Sheep **Entrez Gene:** 380550 Xenopus laevis Omim: 602959 Human **SwissProt:** Q05639 Human **SwissProt:** P62631 Mouse **SwissProt:** P62632 Rat **Unigene:** 433839 Human **Unigene:** 2645 Mouse **Unigene:** 9764 Rat

[VALIDATION IMAGES]



Sample: HL-60 Cell (Human) Lysate at 40 ug
Primary: Anti- phospho-EEF1A2（Ser358） (SL14508R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 50 kD
Observed band size: 50 kD

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