

## EF-1 $\alpha$ 1/2 (Acetyl Lys41) rabbit pAb antibody

| Catalog No :                 | Source:   | Concentration : | Mol.Wt. (Da):     |
|------------------------------|---|-----------------|-------------------|
| A13911                       | Rabbit  | 1 mg/ml         | 50141/50470/50185 |
| <b>Applications</b>          | WB,ELISA  |                 |                   |
| <b>Reactivity</b>            | Human,Mouse,Rat   |                 |                   |
| <b>Dilution</b>              | WB: 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.   |                 |                   |
| <b>Storage</b>               | -20°C/1 year  |                 |                   |
| <b>Specificity</b>           | Acetyl-EF-1 $\alpha$ 1/2 (K41) Polyclonal Antibody detects endogenous levels of EF-1 $\alpha$ 1/2 protein only when acetylated at K41.  |                 |                   |
| <b>Source / Purification</b> | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |                 |                   |
| <b>Immunogen</b>             | The antiserum was produced against synthesized Acetyl-peptide derived from human EEF1A around the Acetylation site of Lys41. AA range:1-50  |                 |                   |
| <b>Uniprot No</b>            | P68104  |                 |                   |
| <b>Alternative names</b>     | EEF1A1; EEF1A; EF1A; LENG7; Elongation factor 1-alpha 1; EF-1-alpha-1; Elongation factor Tu; EF-Tu; Eukaryotic elongation factor 1 A-1; eEF1A-1; Leukocyte receptor cluster member 7; EEF1A2; EEF1AL; STN; Elongation factor 1-alpha 2; EF-1-alpha-2;Eukaryotic elongation factor 1 A-2; eEF1A-2; Statin-S1; EEF1A1P5; EEF1AL3; Putative elongation factor 1-alpha-like 3; EF-1-alpha-like 3; Eukaryotic elongation factor 1 A-like 3; eEF1A-like 3; Eukaryotic translation elongation factor 1 alpha-1 pseudogene 5  |                 |                   |
| <b>Form</b>                  | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |                 |                   |
| <b>Clonality</b>             | Polyclonal  |                 |                   |
| <b>Isotype</b>               | IgG   |                 |                   |
| <b>Conjugation</b>           |   |                 |                   |
| <b>Background</b>            | eukaryotic translation elongation factor 1 alpha 1(EEF1A1) Homo sapiens<br>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 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas, and the other isoform (alpha 2) is expressed in brain, heart and skeletal muscle. This isoform is identified as an autoantigen in 66% of patients with Fely syndrome. This gene has been found to have multiple copies on many chromosomes, some of which, if not all, represent different pseudogenes. [provided by RefSeq, Jul 2008], |                 |                   |
| <b>Other</b>                 | EEF1A1/EEF1A2/EEF1A1P5, Elongation factor 1-alpha 1/Elongation factor 1 alpha 2/Putative elongation factor 1 alpha like 3   |                 |                   |

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**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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