



EF-1 β Polyclonal Antibody

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| Catalog No | YP-Ab-02213 |
| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | WB;ELISA |
| Gene Name | EEF1B2 |
| Protein Name | Elongation factor 1-beta |
| Immunogen | The antiserum was produced against synthesized peptide derived from human EF-1beta. AA range:83-132 |
| Specificity | EF-1 β Polyclonal Antibody detects endogenous levels of EF-1 β protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. |
| Concentration | 1 mg/ml |
| Purity | $\geq 90\%$ |
| Storage Stability | -20°C/1 year |
| Synonyms | EEF1B2; EEF1B; EF1B; Elongation factor 1-beta; EF-1-beta |
| Observed Band | 24kD |
| Cell Pathway | nucleus,cytoplasm,endoplasmic reticulum,cytosol,eukaryotic translation elongation factor 1 complex, |
| Tissue Specificity | Brain,Epithelium,Eye,Fetal brain cortex,Keratinocyt |
| Function | function:EF-1-beta and EF-1-delta stimulate the exchange of GDP bound to EF-1-alpha to GTP.,PTM:Phosphorylation affects the GDP/GTP exchange rate.,similarity:Belongs to the EF-1-beta/EF-1-delta family.,similarity:Contains 1 GST C-terminal domain.,subunit:EF-1 is composed of 4 subunits: alpha, beta, delta, and gamma., |
| Background | This gene encodes a translation elongation factor. The protein is a guanine nucleotide exchange factor involved in the transfer of aminoacylated tRNAs to the ribosome. Alternative splicing results in three transcript variants which differ only in the 5' UTR. [provided by RefSeq, Jul 2008], |
| matters needing attention | Avoid repeated freezing and thawing! |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images