

Elongation Factor 1A2 Rabbit mAb
Catalog # AP76476**Specification**

Elongation Factor 1A2 Rabbit mAb - Product Information

Application	WB, IP
Primary Accession	Q05639
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	50470

Elongation Factor 1A2 Rabbit mAb - Additional Information**Gene ID** 1917**Other Names**
EEF1A2**Dilution**
WB~~1/500-1/1000
IP~~1/20**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**Elongation Factor 1A2 Rabbit mAb - Protein Information****Name** EEF1A2 {ECO:0000303|PubMed:10950927, ECO:0000312|HGNC:HGNC:3192}**Function**
Translation elongation factor that catalyzes the GTP- dependent binding of aminoacyl-tRNA (aa-tRNA) to the A-site of ribosomes during the elongation phase of protein synthesis. Base pairing between the mRNA codon and the aa-tRNA anticodon promotes GTP hydrolysis, releasing the aa-tRNA from EEF1A1 and allowing its accommodation into the ribosome (By similarity). The growing protein chain is subsequently transferred from the P-site peptidyl tRNA to the A-site aa-tRNA, extending it by one amino acid through ribosome- catalyzed peptide bond formation (By similarity).**Cellular Location**
Endoplasmic reticulum membrane**Tissue Location**
Brain, heart, and skeletal muscle.

Elongation Factor 1A2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Elongation Factor 1A2 Rabbit mAb - Images

