

Elongation Factor 1A2 Rabbit mAb

Catalog # AP76476

Product Information

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

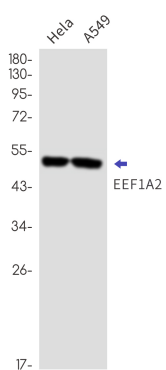
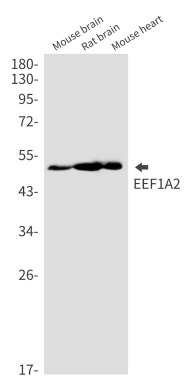
Additional Information

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.

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.

Images



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