

Product name:	EF-1 α 1/2 (Acetyl Lys41) Rabbit Polyclonal Antibody
Cat number:	ABN06187
Conjugate:	Unconjugated
Size:	100 μ L
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized Acetyl-peptide derived from human EEF1A around the Acetylation site of Lys41. AA range:1-50
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,ELISA 1:10000-1:20000
Molecular Weight:	50kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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 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 Felty 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],caution:Could be the product of a pseudogene.,function:This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis.,similarity:Belongs to the GTP-binding elongation factor family. EF-Tu/EF-1A subfamily.,subunit:Found in a nuclear export complex with XPO5, EEF1A1, Ran and aminoacylated tRNA. Interacts with XPO5. May interact with ERGIC2.,tissue specificity:Brain, placenta, lung, liver, kidney, pancreas but barely detectable in heart and skeletal muscle.,