

EEF1A1 polyclonal antibody

Catalog # PAB5330 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of EEF1A1.
Immunogen	A synthetic peptide corresponding to C-terminus of human EEF1A1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — EEF1A1

Entrez GeneID	1915
Gene Name	EEF1A1

Gene Alias	CCS-3, CCS3, EEF-1, EEF1A, EF-Tu, EF1A, FLJ25721, GRAF-1EF, HNGC:16303, LENG7, MGC102687, MGC131894, MGC16224, PTI1, eEF1A-1
Gene Description	eukaryotic translation elongation factor 1 alpha 1
Omim ID	130590
Gene Ontology	Hyperlink
Gene Summary	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 Feltz 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]
Other Designations	CTCL tumor antigen EF1a-like protein OTTHUMP00000016736 OTTHUMP00000063804 OTTHUMP00000063805 cervical cancer suppressor 3 elongation factor 1 alpha subunit elongation factor 1-alpha elongation factor Tu eukaryotic translation elongation factor 1 alpha 1-

Publication Reference

- [Degradation of newly synthesized polypeptides by ribosome-associated RACK1/JNK/eEF1A2 complex.](#)

Gandin V, Gutierrez GJ, Brill LM, Varsano T, Feng Y, Aza-Blanc P, Au Q, McLaughlan S, Ferreira TA, Alain T, Sonenberg N, Topisirovic I, Ronai ZA.

Molecular and Cellular Biology 2013 Jul; 33(13):2510.

Application: WB, Human, HEK 293T cells

- [Dissecting the expression of EEF1A1/2 genes in human prostate cancer cells: the potential of EEF1A2 as a hallmark for prostate transformation and progression.](#)

Scaggiante B, Dapas B, Bonin S, Grassi M, Zennaro C, Farra R, Cristiano L, Siracusano S, Zanconati F, Giansante C, Grassi G.

British Journal of Cancer 2012 Jan; 106(1):166.

Application: WB, Human, DU-145, PC-3, LNCaP, PZHPV-7 cells