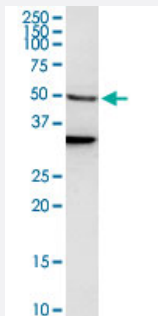


EEF1A1 polyclonal antibody (A01)

Catalog # H00001915-A01

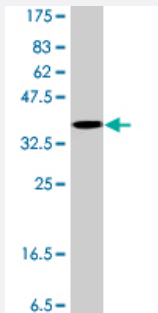
Size 50 uL

Applications



Western Blot (Cell lysate)

EEF1A1 polyclonal antibody (A01). Western Blot analysis of EEF1A1 expression in K-562.



Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant EEF1A1.
Immunogen	EEF1A1 (AAH09875, 156 a.a. ~ 255 a.a) partial recombinant protein with GST tag.
Sequence	DSTEPPYSQKRYEEN/KEVSTYIKKIGYNPDTVAFVPISGWNGDNMLEPSANMPWFKGWKVTRKD GNASGTTLLEALDCILPPTRPDTDKPLRLPLQDVYK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

EEF1A1 polyclonal antibody (A01). Western Blot analysis of EEF1A1 expression in K-562.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — EEF1A1

Entrez GeneID	1915
GeneBank Accession#	BC009875
Protein Accession#	AAH09875
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

- [A rapid and specific method to simultaneously quantify eukaryotic elongation factor 1A1 and A2 protein levels in cancer cells.](#)

Bosutti A, Kalaja O, Zanconati F, Dapas B, Grassi G, Passamonti S, Scaggiante B.

Journal of Pharmaceutical and Biomedical Analysis 2019 Nov; 176:112814.

Application: IF, IHC-P, WB, Human, LoVo109, LoVoDX cells, Pancreas specimen, PC-3, PZHPV-7 cells

- [EF1A1-Actin interactions alter mRNA stability to determine differential osteopontin expression in HepG2 and Hep3B cells.](#)

Zhang J, Guo H, Mi Z, Gao C, Bhattacharya S, Li J, Kuo PC.

Experimental Cell Research 2008 Nov; 315(2):304.

Application: IP-WB, Human, Hep 3B2.1-7, HepG2 cells