

Datasheet: VPA00467

Description:	RABBIT ANTI eEF1A1
Specificity:	eEF1A1
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid.

Preparation

Rabbit polyclonal antibody prepared by affinity chromatography on Protein A.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
2% Sucrose.

Immunogen

Synthetic peptide directed towards the C terminal region of human eEF1A1

**External Database
Links**

UniProt:

[P68104](#) [Related reagents](#)

Entrez Gene:

[1915](#) [EEF1A1](#) [Related reagents](#)

Synonyms EEF1A, EF1A, LENG7

Specificity **Rabbit anti Human eEF1A1 antibody** recognizes the elongation factor 1-alpha 1, also known as CTCL tumor antigen, EF1a-like protein, cervical cancer suppressor 3, elongation factor Tu, eukaryotic elongation factor 1 A-1, eukaryotic translation elongation factor 1 alpha 1-like 14, glucocorticoid receptor AF-1 specific elongation factor, leukocyte receptor cluster (LRC) member 7 or prostate tumor-inducing protein 1.

The EEF1A1 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 ([Ditzel et al. et al. 2000](#)). EEF1A1 has been found to have multiple copies on many chromosomes, some of which, if not all, represent different pseudogenes (provided by RefSeq, Jul 2008).

Rabbit anti Human eEF1A1 antibody detects a band of 49 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti eEF1A1 detects a band of approximately 49 kDa in HEK293 cell lysates.

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee 12 months from date of despatch.

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories

**Health And Safety
Information** Material Safety Datasheet documentation #10045 available at:
Antibody (10045): <https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf>

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M402245:220718'

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