

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse N.B. Antibody reactivity and working conditions may vary between species.
Preparation	Rabbit polyclonal antibody prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 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. 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
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
Shelf Life	As supplied, 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](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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