

Datasheet: AHP2706

Description:	RABBIT ANTI EEF2K (pSer366)
Specificity:	EEF2K (pSer366)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 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	▪			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
-----------------------	-------

Product Form	Purified IgG - liquid
---------------------	-----------------------

Antiserum Preparation Antiserum to EEF2K (pSer366) was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution	Phosphate buffered saline
------------------------	---------------------------

Preservative	0.02% Sodium Azide
Stabilisers	50% Glycerol

Immunogen	Phospho specific-peptide corresponding to residues surrounding serine 366 of human EEF2K
------------------	--

External Database Links

UniProt:

[O00418](https://www.uniprot.org/entry/O00418)

[Related reagents](#)

Entrez Gene:

Specificity	Rabbit anti EEF2K (pSer366) antibody recognizes human eukaryotic elongation factor 2 kinase, also known as eEF-2 kinase or EF-2K, when phosphorylated at serine 366. EEF2K phosphorylates elongation factor 2 (eEF-2) within a GTP-binding domain resulting in its inactivation (Ryazanov, A.G. et al. 1988). EEF2K is phosphorylated at serine 366 by p90RSK1 and p70 S6k α kinases, which results in inhibition of its kinase activity (Wang, X. et al. 2001).
Storage	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: https://www.bio-rad-antibodies.com/SDS/AHP2706 10049
Regulatory	For research purposes only

Related Products

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
----------------------------------	---	------------------	---	---------------	---

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
'M416254:230220'

Printed on 12 Aug 2023