

Datasheet: AHP375

Description:	RABBIT ANTI PEPTIDE E
Specificity:	PEPTIDE E
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 ml

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
Flow Cytometry			▪	
Immunohistology - Frozen	▪			1/250 - 1/2500
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting			▪	

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Product Form Serum - liquid

Antiserum Preparation Antisera to Peptide E were raised by repeated immunisation of rabbits with highly purified antigen. Whole serum is supplied - diluted.

Buffer Solution Phosphate buffered saline

Preservative 0.09% Sodium Azide
Stabilisers 1% Bovine Serum Albumin

Immunogen Peptide E: (Bovine) YGGFMRRVGRPEWQKRQGGFL.

External Database Links

UniProt:
[P01211](#) [Related reagents](#)

Entrez Gene:[281387](#) PENK [Related reagents](#)

RRID AB_322367

Specificity **Rabbit anti peptide E antibody** recognizes bovine peptide E. Antibody binding is completely blocked with peptide E and partially with Bam 22, Bam12 and Dynorphin 1-17. In 4% FA perfused colchicine tissue cells and fibres are seen in septum, medial preoptic area and bed nucleus of stria terminalis of rat brain.

References

1. Zardetto-smith, A.M. *et al.* (1988) Lateral hypothalamic dynorphinergic efferents to the amygdala and brainstem in the rat. [Peptides. 9 \(5\): 1121-7.](#)
2. Gray, T.S. & Magnuson, D.J. (1992) Peptide immunoreactive neurons in the amygdala and the bed nucleus of the stria terminalis project to the midbrain central gray in the rat. [Peptides. 13 \(3\): 451-60.](#)
3. Simerly, R.B. *et al.* (1988) Distribution of opioid peptides in the preoptic region: immunohistochemical evidence for a steroid-sensitive enkephalin sexual dimorphism. [J Comp Neurol. 276 \(3\): 442-59.](#)

Storage Store at +4°C or at -20°C if preferred.

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 18 months from date of despatch.**Health And Safety Information** Material Safety Datasheet documentation #10041 available at: 10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>**Regulatory** For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)Sheep Anti Rabbit IgG (STAR35...) [RPE](#)Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: 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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