

Datasheet: AHP3038

BATCH NUMBER 160787

Description:	RABBIT ANTI HUMAN ELK-1
Specificity:	ELK-1
Format:	Purified
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
Immunoprecipitation	▪			10 µl per IP
Western Blotting	▪			1/500 - 1/1000

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 human ELK-1 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 Stabilisers

0.035% Sodium Azide (NaN₃)
30% Glycerol

Carrier Free

Yes

Immunogen

A peptide within the C-terminal region of human ELK-1

External Database Links

UniProt:

Entrez Gene:

Specificity	Rabbit anti human ELK-1 antibody recognizes ETS domain-containing protein ELK-1. ELK-1 is a protein that functions as a transcription activator. ELK-1 is a member of a subclass of the ETS family known as ternary complex factors (TCFs). TCFs are characterized by a common protein domain that regulates DNA binding to target sequences (Zinck <i>et al.</i> 1993). In non-neuronal cells, ELK-1 is expressed in the nucleus. However, in mature neurons ELK-1 is present in the cytoplasm as well as the nucleus and plays a crucial role in a number of neurological processes, including the formation of long-term memory and drug addiction. ELK-1 expression has been implicated in a number of diseases, including Down syndrome, Alzheimer's disease and depression (Besnard <i>et al.</i> 2011).
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. 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/AHP3038 10049
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [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](https://www.bio-rad-antibodies.com/datasheets)
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