

## Datasheet: AHP3038

<b>Description:</b>	RABBIT ANTI HUMAN ELK-1
<b>Specificity:</b>	ELK-1
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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** 0.035% Sodium Azide (NaN<sub>3</sub>)  
**Stabilisers** 30% Glycerol

**Carrier Free** Yes

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

#### External Database Links

**UniProt:**  
[P19419](#)    [Related reagents](#)

**Entrez Gene:**[2002](#) [ELK1](#) [Related reagents](#)

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<b>Specificity</b>	<b>Rabbit anti human ELK-1 antibody</b> 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 ( <a href="#">Zinck et al. 1993</a> ). 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 ( <a href="#">Besnard et al. 2011</a> ).
<b>Storage</b>	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.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10049 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP3038">https://www.bio-rad-antibodies.com/SDS/AHP3038</a> 10049
<b>Regulatory</b>	For research purposes only

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## 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](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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)  
'M394869:220218'

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