

Datasheet: AHP3021

BATCH NUMBER 158409

Description:	GOAT ANTI ELF1
Specificity:	ELF1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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
Immunohistology - Paraffin	▪			2.5 ug/ml
Western Blotting	▪			0.03 ug/ml - 0.1 ug/ml

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

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation

Antisera to human ELF1 were raised by repeated immunizations of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution

TRIS buffered saline

Preservative Stabilisers

0.02% Sodium Azide

0.5% Bovine Serum Albumin

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Peptide with sequence C-AMKQNELLEPNSF, from the C Terminus of the protein sequence according to NP_758961.1; NP_001138825.1
External Database Links	<p>UniProt: P32519 Related reagents</p> <p>Entrez Gene: 1997 ELF1 Related reagents</p>
Specificity	<p>Goat anti ELF1 antibody recognizes ETS-related transcription factor Elf-1, also known as E74-like factor 1 (ELF1).</p> <p>ELF1 is a small zinc-finger protein conserved in eukaryotes and some archaea (Ehara and Sekine 2018). ELF1 is ubiquitously expressed in human cells and is a member of the ETS family of transcription factors (Budka et al. 2018) and appears to act downstream of the DNA damage response pathway (Cheng et al. 2020). In cancer, ELF1 appears to have oncogenic and tumor suppressive functions depending on context (Budka et al. 2018). ELF1 appears to play an antiviral role, with lower levels of ELF1 reducing host defense against the influenza A virus (Seifert et al. 2019).</p>
Western Blotting	Goat anti Human ELF1 antibody detects a band of approximately 70 kDa in cell lysates
Storage	<p>Store at -20°C only.</p> <p>This product should be stored undiluted. 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.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10058 available at: https://www.bio-rad-antibodies.com/SDS/AHP302110058
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [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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