

Goat anti-Human ELF1 Polyclonal Antibody | anti-ELF1 antibody

Goat anti ELF1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50425	Goat	Human	Western Blot, Immunohistochemistry

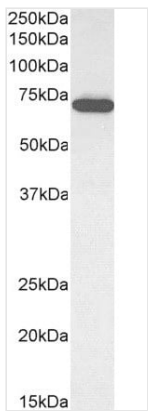
PRODUCT SYNONYMS

ELF1; Polyclonal Antibody; Goat anti ELF1; ELF1 antibody; anti-ELF1 antibody

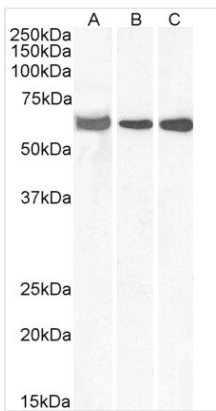
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antisera to human ELF1 were raised by repeated immunizations of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Form/Format	TRIS buffered saline 0.02% Sodium Azide 0.5% Bovine Serum Albumin Purified IgG - liquid
Concentration	IgG concentration 0.5mg/ml (varies by lot)
Applicable Applications for anti-ELF1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Peptide with sequence C-AMKQNELLEPNSF, from the C Terminus of the protein sequence according to NP_758961.1; NP_001138825.1
Preparation and Storage	Store at -20 degree C only. 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.

IMAGES



WB (Western Blot)
Western blot analysis of Jurkat cell lysate (35ug protein in RIPA buffer) probed with ELF1 antibody (0.1ug/ml,AAA50425) and detected by chemiluminescence.



WB (Western Blot)
Western blot analysis of A) human lymph node B) human tonsil and C) mouse thymus tissue lysates (35ug protein in RIPA buffer) probed with ELF1 antibody (0.3ug/ml,AAA50425) and detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-ELF1 antibody	Goat anti ELF1 antibody recognizes ETS-related transcription factor Elf-1, also known as E74-like factor 1 (ELF1). 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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223941929
NCBI GeneID	1997
NCBI Accession #	NP_001138825.1
NCBI GenBank Nucleotide #	NM_001145353.1
UniProt Accession #	P32519; Q8N6F6; Q9UDE1; B4E2I5; E9PDQ9
Molecular Weight	67,498 Da
NCBI Official Full Name	ETS-related transcription factor Elf-1 isoform b
NCBI Official Synonym Full Names	E74-like factor 1 (ets domain transcription factor)
NCBI Official Symbol	ELF1
NCBI Protein Information	ETS-related transcription factor Elf-1
UniProt Protein Name	ETS-related transcription factor Elf-1
UniProt Gene Name	ELF1
UniProt Entry Name	ELF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.