

Rabbit anti-Mouse, Rat Elf3 Polyclonal Antibody | anti-ELF3 antibody

Elf3 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198138	Rabbit	Mouse, Rat	Western Blot, Immunohistochemistry

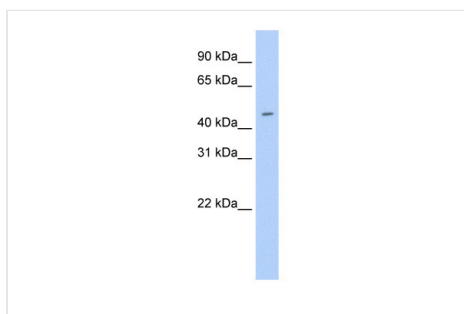
PRODUCT SYNONYMS

Elf3; Polyclonal Antibody; Elf3 antibody - N-terminal region; anti-ELF3 antibody

PRODUCT SPECIFICATIONS

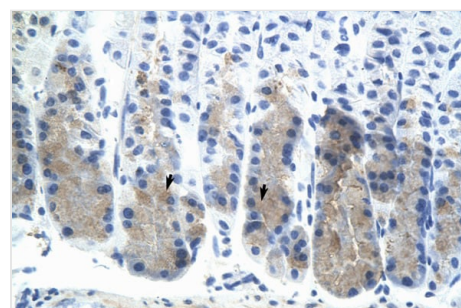
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MA ATCEISNVFS NYFNAMYSSE DPTLAPAPPT TFGTEDLVLT LNNQMTL
Sequence Length	371
Applicable Applications for anti-ELF3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Mouse: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of mouse Elf3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-Elf3 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Trachea



IHC (Immunohistochemistry)

Mouse Stomach

ADDITIONAL INFORMATION

Related Product Information for anti-ELF3 antibody	This is a rabbit polyclonal antibody against Elf3. It was validated on Western Blot and immunohistochemistry Target Description: Elf3 is a transcriptional activator that binds and transactivates ETS sequences containing the consensus nucleotide core sequence GGA[AT]. It acts synergistically with POU2F3 to transactivate the SPRR2A promoter and with RUNX1 to transactivate the ANGPT1 promoter (By similarity). It also transactivates collagenase, CCL20, CLND7, FLG, KRT8, NOS2, PTGS2, SPRR2B, TGFB2 and TGM3 promoters. IT represses KRT4 promoter activity (By similarity). It may play an important role in epithelial cell differentiation and tumorigenesis and may be a critical downstream effector of the ERBB2 signaling pathway (By similarity). It may be associated with mammary gland development and involution. It plays an important role in the regulation of transcription with TATA-less promoters in preimplantation embryos, which is essential in preimplantation development.
Product Categories/Family for anti-ELF3 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Chromatin & Nuclear Signaling; Developmental Biology; Signal Transduction; Immunohistochemistry; Cell Structure; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679629
NCBI GeneID	13710
NCBI Accession #	NP_031947
NCBI GenBank Nucleotide #	NM_007921
UniProt Accession #	Q3UPW2
Molecular Weight	41kDa
NCBI Official Full Name	ETS-related transcription factor Elf-3 isoform 2
NCBI Official Synonym Full Names	E74-like factor 3
NCBI Official Symbol	Elf3
NCBI Official Synonym Symbols	ESX; jen; ESE-1
NCBI Protein Information	ETS-related transcription factor Elf-3
UniProt Protein Name	ETS-related transcription factor Elf-3
UniProt Gene Name	Elf3
UniProt Synonym Gene Names	ESE-1

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/elf3-antibody-western-blot-immunohistochemistry-elisa/198138>