ELF5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ELF5, Polyclonal Antibody
Full Product Name	ELF5, ID (ETS-related Transcription Factor Elf-5, E74-like Factor 5, Epithelium-specific Ets Transcription Factor 2, ESE-2, Epithelium-restricted ESE-1-related Ets Factor, ESE2) (MaxLight 405)
Product Gene Name	anti-ELF5 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Immunoaffinity chromatography.
Specificity	Recognizes human ELF5. Species Crossreactivity: mouse.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	29kDa
OMIM	605169
3D Structure	ModBase 3D Structure for Q9UKW6
Immunogen	Synthetic peptide selected from the center region of human ELF5 (KLH).
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-ELF5 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-ELF5 antibody	Western Blot (WB), FLISA
Application Notes for anti-ELF5 antibody	WB: 1:50-1:100 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-ELF5 antibody	MBS6473700 is an antibody targeting ELF5. Also known as ELF5, ID (ETS-related Transcription Factor Elf-5, E74-like Factor 5, Epithelium-specific Ets Transcription Factor 2, ESE-2, Epithelium-restricted ESE-1-related Ets Factor, ESE2) (MaxLight 405). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-ELF5 antibody	1. Choi, Y.S., Biochem. J. 398(3), 497-507 (2006). 2. Tummala, R., J. Cell. Biochem. 97(4), 766-781 (2006).
Other Notes	Small volumes of anti-ELF5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ELF5. It may not necessarily be applicable to this product.

NCBI GI #	38201717
NCBI GeneID	2001
NCBI Accession #	NP_938195
UniProt Primary Accession #	Q9UKW6
UniProt Related Accession #	Q9UKW6
GenBank Nucleotide #	NM_198381.1
NCBI Official Full Name	ETS-related transcription factor Elf-5 isoform 1
NCBI Official Synonym Full Names	E74 like ETS transcription factor 5
NCBI Official Symbol	ELF5
NCBI Official Synonym Symbols	ESE2
UniProt Protein Name	ETS-related transcription factor Elf-5
UniProt Synonym Protein Names	E74-like factor 5; Epithelium-restricted ESE-1-related Ets factor; Epithelium-specific Ets transcription factor 2
Protein Family	ETS-related transcription factor
UniProt Gene Name	ELF5
UniProt Synonym Gene Names	ESE2; ESE-2
UniProt Entry Name	ELF5_HUMAN
NCBI Protein Information	ETS-related transcription factor Elf-5
NCBI Summary for ELF5	The protein encoded by this gene is a member of an epithelium-specific subclass of the Ets transcritpion factor family. In addition to its role in regulating the later stages of terminal differentiation of keratinocytes, it appears to regulate a number of epithelium-specific genes found in tissues containing glandular epithelium such as salivary gland and prostate. It has very low affinity to DNA due to its negative regulatory domain at the amino terminus. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2011]
UniProt Comments for ELF5	ELF5: Transcriptionally activator that may play a role in regulating the later stages of keratinocytes terminal differentiation. Belongs to the ETS family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Transcription factor; DNA-binding Chromosomal Location of Human Ortholog: 11p13-p12 Cellular Component: cytoplasm; nucleus Biological Process: regulation of transcription from RNA polymerase II promoter; transcription from RNA polymerase II promoter; cell proliferation; ectoderm development; positive regulation of transcription from RNA polymerase II promoter; cell differentiation
Research Articles on ELF5	**1.** Elf5 expression was associated with decreased overall and disease-free survival of triple negative breast cancers patients.
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