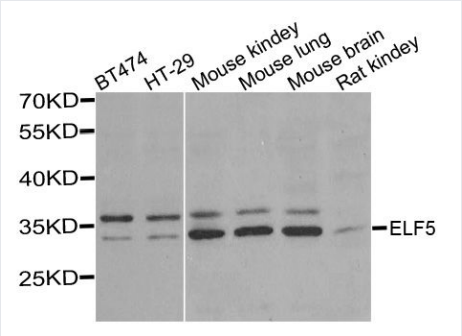
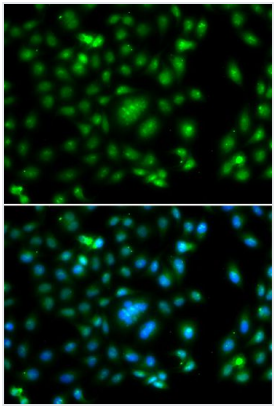
ELF5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ELF5, Polyclonal Antibody
Full Product Name	ELF5 Polyclonal Antibody
Product Gene Name	anti-ELF5 antibody
Product Synonym Names	ESE2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Purity/Purification	Affinity Purification
Concentration	1mg/ml (lot specific)
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Molecular Weight	265
OMIM	605169
3D Structure	ModBase 3D Structure for Q9UKW6
Species	Human
Immunogen	Recombinant protein of human ELF5
Calculated Molecular Weight	31kDa
Product Categories/Family for anti-ELF5 antibody	Polyclonal
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ELF5 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-ELF5 antibody	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:100
Related Product Information for anti-ELF5 antibody	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.
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.
Searchable Terms for ELF5 purchase	MBS129922 is an antibody targeting ELF5. Also known as ELF5 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ELF5 antibody
Western blot analysis of extracts of various cell lines, using ELF5 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.



Immunofluorescence (IF) of anti-ELF5 antibody
Immunofluorescence analysis of A549 cells using ELF5 antibody. Blue: DAPI for nuclear staining.

ADDITIONAL DETAILS

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

NCBI GI #	68565549
NCBI GeneID	2001
NCBI Accession #	Q9UKW6.2
UniProt Primary Accession #	Q9UKW6
UniProt Secondary Accession #	O95175; Q8N2K9; Q96QY3; Q9UKW5; A6XAE6; A8K452
UniProt Related Accession #	Q9UKW6
NCBI Official Full Name	ETS-related transcription factor Elf-5
NCBI Official Synonym Full Names	E74-like factor 5 (ets domain transcription factor)
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; ESE-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; epithelium-restricted ESE-1-related Ets factor; epithelium-specific Ets transcription factor 2

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: DNA-binding; Transcription factor 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 provides a key transcriptional determinant of breast cancer molecular subtype by suppression of estrogen sensitivity in luminal breast cancer cells.
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