

Rabbit anti-Human, Mouse ELF5 Polyclonal Antibody | anti-ELF5 antibody

ELF5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327576	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

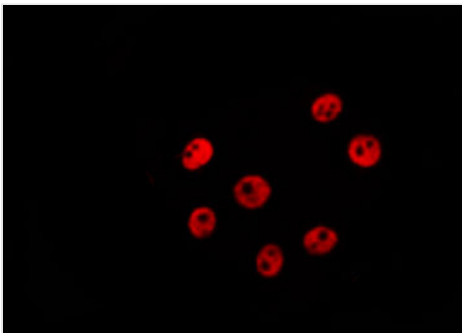
PRODUCT SYNONYMS

ELF5; Polyclonal Antibody; ELF5 Antibody; E74 like factor 5 (ets domain transcription factor); E74 like factor 5; E74-like factor 5; ELF 5; ELF5_HUMAN; Epithelium restricted ESE 1 related Ets factor; Epithelium restricted ESE1 related Ets factor; Epithelium specific Ets transcription factor 2; Epithelium-restricted ESE-1-related Ets factor; Epithelium-specific Ets transcription factor 2; ESE 2; ESE-2; ESE2; Ets domain TF; Ets domain transcription factor; ETS related transcription factor Elf 5; ETS related transcription factor Elf5; ETS-related transcription factor Elf-5; anti-ELF5 antibody

PRODUCT SPECIFICATIONS

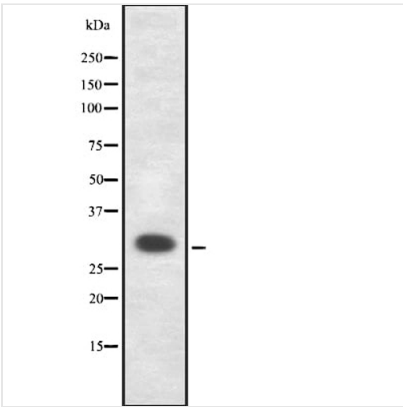
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ELF5 antibody detects endogenous levels of total ELF5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	160
Applicable Applications for anti-ELF5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ELF5
Subcellular Location	Nucleus.
Tissue Specificity	Expressed exclusively in tissues with a high content of epithelial cells. Highly expressed in salivary gland, mammary gland, kidney and prostate. Weakly expressed in placenta and lung. Isoform 1 and isoform 2 are differentially expressed in different tissues. In the kidney, only isoform 1 was expressed, while prostate expressed both isoforms, with levels of isoform 2 being higher. Expression is up-regulated during keratinocyte differentiation. Several epithelial carcinoma cell lines showed lack of expression.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327576 staining LOVO by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of ELF5 using Jurkat whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-ELF5 antibody	Function: Transcriptionally activator that may play a role in regulating the later stages of keratinocytes terminal differentiation. Similarity: The PNT domain acts as a transcriptional activator. Belongs to the ETS family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	340545517
NCBI GeneID	2001
NCBI Accession #	NP_001230009.1
NCBI GenBank Nucleotide #	NM_001243080.1
UniProt Accession #	Q9UKW6; Q95175; Q8N2K9; Q96QY3; Q9UKW5; A6XAE6; A8K452
Molecular Weight	Observed: 31 kDa Predicted: 32 kDa
NCBI Official Full Name	ETS-related transcription factor Elf-5 isoform 3
NCBI Official Synonym Full Names	E74 like ETS transcription factor 5
NCBI Official Symbol	ELF5
NCBI Official Synonym Symbols	ESE2
NCBI Protein Information	ETS-related transcription factor Elf-5
UniProt Protein Name	ETS-related transcription factor Elf-5
UniProt Gene Name	ELF5
UniProt Synonym Gene Names	ESE2; ESE-2

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.