

ELF5 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2269a**Specification**

ELF5 Antibody (C-Term) - Product Information

Application	IHC
Primary Accession	O9UKW6
Other Accession	NP_938195.1 , NP_001413.1 , 2001 , 13711 (mouse)
Reactivity	Human
Predicted	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	31263

ELF5 Antibody (C-Term) - Additional Information**Gene ID** 2001**Other Names**

ETS-related transcription factor Elf-5, E74-like factor 5, Epithelium-restricted ESE-1-related Ets factor, Epithelium-specific Ets transcription factor 2, ESE-2, ELF5, ESE2

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ELF5 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

ELF5 Antibody (C-Term) - Protein Information**Name** ELF5**Synonyms** ESE2**Function**

Transcriptionally activator that may play a role in regulating the later stages of keratinocytes terminal differentiation.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00237}.

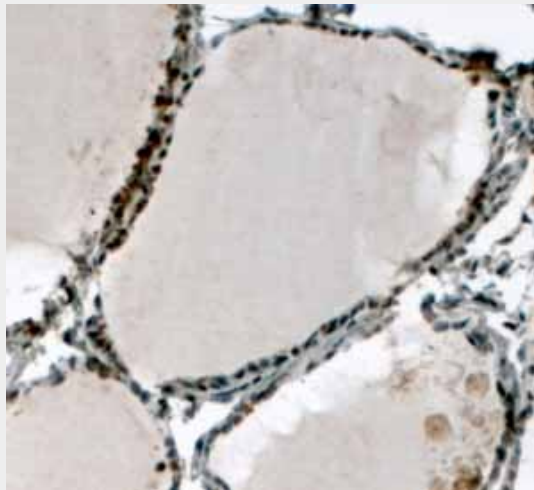
Tissue Location

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.

ELF5 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ELF5 Antibody (C-Term) - Images

AF2269a (4 µg/ml) staining of paraffin embedded Human Thyroid Gland. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining. This data was obtained using a previous batch.

ELF5 Antibody (C-Term) - Background

This antibody is expected to recognise both reported Human isoforms represented by NP_938195.1 and NP_001413.1.

ELF5 Antibody (C-Term) - References

Characterization of ESE-2, a novel ESE-1-related Ets transcription factor that is restricted to glandular epithelium and differentiated keratinocytes. Oettgen P, Kas K, Dube A, Gu X, Grall F, Thamrongsak U, Akbarali Y, Finger

E, Boltax J, Endress G, Munger K, Kunsch C, Libermann TA. J Biol Chem. 1999 Oct 8;274(41):29439-52. PMID: 10506207