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**Research Use Only. Not for diagnostic or therapeutic use.**

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB05511 - Goat Anti-ELF5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** epithelium-specific Ets transcription factor 2, E74-like factor 5, ESE-2, ESE2, E74-like factor 5 (ets domain transcription factor), ELF5

**Official Symbol:** ELF5

**Accession Number(s):** NP\_938195.1; NP\_001413.1

**Human GeneID(s):** [2001](#)

**Non-Human GeneID(s):** 13711 (mouse)

**Important Comments:** This antibody is expected to recognise both reported Human isoforms represented by NP\_938195.1 and NP\_001413.1.

### Immunogen

Peptide with sequence C-GKNAHWQEDKL, from the C Terminus of the protein sequence according to NP\_938195.1; NP\_001413.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:128000.

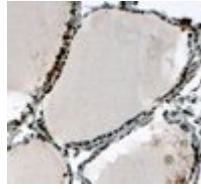
**Western blot:** Preliminary experiments in Human lysates of Lung, Kidney, Prostate and Testes gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

**IHC:** In paraffin embedded Human Thyroid Gland shows nuclear staining in the epithelial cells of the glands. Recommended concentration, 4-8µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat



EB05511 (4 $\mu$ g/ml) staining of paraffin embedded Human Thyroid Gland. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.