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# EB05503 - Goat Anti-ELF3 / ERT/ ESX Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** ELF3, ERT, E74-like factor 3 (ets domain transcription factor, epithelial-specific), EPR-1, ESE-1, E74-like factor 3 (ets domain transcription factor), ets domain transcription factor, serine box (epithelial-specific), E74-like factor 3 (ETS domain transcription factor, serine box, epithelial-specific)

Official Symbol: ELF3

Accession Number(s): NP\_004424.2

Human GenelD(s): 1999

# **Immunogen**

Peptide with sequence C-SGWKEEEVLQSRN, from the C Terminus of the protein sequence according to NP\_004424.2.

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**

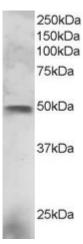
Peptide ELISA: antibody detection limit dilution 1:32000.

**Western blot:** Approx 48 kDa band observed in NCI-H460 lysate (calculated MW of 41.5kDa according to NP\_004424.2). In transfected HEK293 transiently expressing ELF3 a band of approx. 40kDa is observed. This band is not observed in the non-transfected HEK293. Recommended for use at 2-4μg/ml.

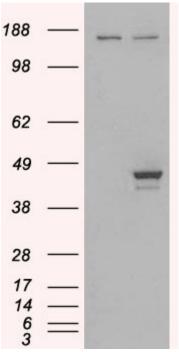
# **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB05503 staining (3μg/ml) of NCI-H460 lysate (RIPA buffer, 30μg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



HEK293 overexpressing ELF3 (RC200631) and probed with EB05503 (mock transfection in first lane), tested by Origene.