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

EB07081 - Goat Anti-ERG Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ERG, v-ets erythroblastosis virus E26 oncogene like (avian), HGNC:3446, erg-3, p55, transcriptional regulator ERG (transforming protein ERG), v-ets avian erythroblastosis virus E26 oncogene related, v-ets erythroblastosis virus E26 oncogene like, v-ets erythroblastosis virus E26 oncogene homolog (avian), OTTHUMP00000115970, OTTHUMP00000208036, TMPRSS2-ERG prostate cancer specific, ets-related

Official Symbol: ERG

Accession Number(s): NP_891548.1; NP_004440.1; NP_001129626.1; NP_001129627.1; NP_001230358.1

Human GeneID(s): [2078](#)

Non-Human GeneID(s): 13876 (mouse), 170909 (rat)

Important Comments: This antibody is expected to recognise all reported isoforms (NP_891548.1; NP_004440.1; NP_001129626.1; NP_001129627.1; NP_001230358.1)

Immunogen

Peptide with sequence C-PNTRLPTSHMP SH, from the C Terminus of the protein sequence according to NP_891548.1; NP_004440.1; NP_001129626.1; NP_001129627.1; NP_001230358.1.

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 1:16000.

Western blot: Approx 55kDa band observed in lysates of cell line MOLT4 (calculated MW of 53.8kDa according to NP_891548.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat

EB07081 (0.1µg/ml) staining of MOLT4 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB07081 (10µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**