

Goat Anti-ERG Antibody
Peptide-affinity purified goat antibody
Catalog # AF1378a**Specification**

Goat Anti-ERG Antibody - Product Information

Application	IHC
Primary Accession	P11308
Other Accession	NP_001129627 , 2078 , 13876 (mouse) , 170909 (rat)
Reactivity	Human
Predicted	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	53838

Goat Anti-ERG Antibody - Additional Information**Gene ID** 2078**Other Names**

Transcriptional regulator ERG, Transforming protein ERG, ERG

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, 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

Goat Anti-ERG Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-ERG Antibody - Protein Information**Name** ERG**Function**

Transcriptional regulator. May participate in transcriptional regulation through the recruitment of SETDB1 histone methyltransferase and subsequent modification of local chromatin structure.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00237, ECO:0000269|PubMed:17289661}.

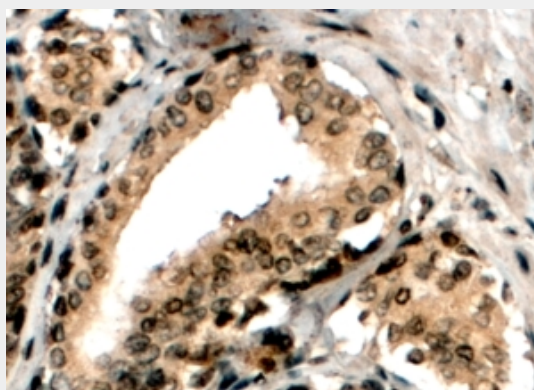
Cytoplasm Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs

Goat Anti-ERG Antibody - 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](#)

Goat Anti-ERG Antibody - Images



AF1378a (4 µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.

Goat Anti-ERG Antibody - References

Fluorescence-tracking of activation gating in human ERG channels reveals rapid S4 movement and slow pore opening. Es-Salah-Lamoureux Z, et al. PLoS One, 2010 May 28. PMID 20526358.
An integrated network of androgen receptor, polycomb, and TMPRSS2-ERG gene fusions in prostate cancer progression. Yu J, et al. Cancer Cell, 2010 May 18. PMID 20478527.
Association of SPINK1 expression and TMPRSS2:ERG fusion with prognosis in endocrine-treated prostate cancer. Leinonen KA, et al. Clin Cancer Res, 2010 May 15. PMID 20442300.
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.
Impact of EWS-ETS fusion type on disease progression in Ewing's sarcoma/peripheral primitive neuroectodermal tumor: prospective results from the cooperative Euro-E.W.I.N.G. 99 trial. Le Deley MC, et al. J Clin Oncol, 2010 Apr 20. PMID 20308673.