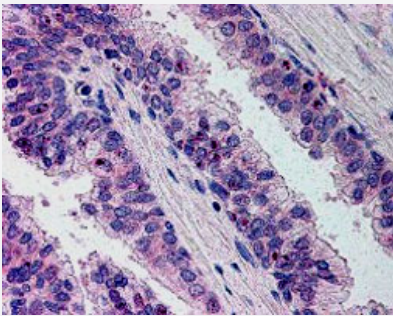


ERG polyclonal antibody

Catalog # PAB6943 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

ERG polyclonal antibody (Cat # PAB6943) (10 ug/mL) staining of paraffin embedded human prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ERG.
Immunogen	A synthetic peptide corresponding to C-terminus of human ERG.
Sequence	C-PNTRLPTSHMP SH
Host	Goat
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-8 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

ERG polyclonal antibody (Cat # PAB6943) (10 ug/mL) staining of paraffin embedded human prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ERG

Entrez GeneID[2078](#)**Protein Accession#**[NP_891548.1;NP_004440.1;NP_001129626.1;NP_001129627.1](#)**Gene Name**

ERG

Gene Alias

erg-3, p55

Gene Description

v-ets erythroblastosis virus E26 oncogene homolog (avian)

Omim ID[165080](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

OTTHUMP00000115970|TMPRSS2-ERG prostate cancer specific|transcriptional regulator ERG (transforming protein ERG)|v-ets avian erythroblastosis virus E26 oncogene related|v-ets erythroblastosis virus E26 oncogene like

Publication Reference

- [Recurrent fusion of TMPRSS2 and ETS transcription factor genes in prostate cancer.](#)

Tomlins SA, Rhodes DR, Perner S, Dhanasekaran SM, Mehra R, Sun XW, Varambally S, Cao X, Tchinda J, Kuefer R, Lee C, Montie JE, Shah RB, Pienta KJ, Rubin MA, Chinnaiyan AM.

Science 2005 Oct; 310(5748):644.

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