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ERF Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19954b

Specification

ERF Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P50548
Other Accession	NP_006485.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**58703**
Antigen Region	**485-514**

ERF Antibody (C-term) - Additional Information

Gene ID 2077

Other Names
ETS domain-containing transcription factor ERF, Ets2 repressor factor, PE-2, ERF

Target/Specificity
This ERF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 485-514 amino acids from the C-terminal region of human ERF.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ERF Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ERF Antibody (C-term) - Protein Information

Name ERF

Function Potent transcriptional repressor that binds to the H1 element of the Ets2 promoter. May regulate other genes involved in cellular proliferation. Required for extraembryonic ectoderm

differentiation, ectoplacental cone cavity closure, and chorioallantoic attachment (By similarity). May be important for regulating trophoblast stem cell differentiation (By similarity).

Cellular Location
Nucleus.

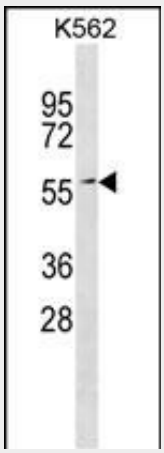
Tissue Location
Highest levels in testis, ovary, pancreas, and heart.

ERF Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ERF Antibody (C-term) - Images



ERF Antibody (C-term) (Cat. #AP19954b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the ERF antibody detected the ERF protein (arrow).

ERF Antibody (C-term) - Background

Members of the ETS family of transcription factors, such as ERF, regulate cell proliferation and differentiation. They share a highly conserved DNA-binding domain, the ETS domain, that recognizes the sequence GGAA/T (de Castro et al., 1997 [PubMed 9192842]). For further information on ETS transcription factors, see ETS1 (MIM 164720).

ERF Antibody (C-term) - References

Verykokakis, M., et al. J. Biol. Chem. 282(41):30285-30294(2007)
Hester, K.D., et al. Cell Cycle 6(13):1594-1604(2007)

Olsen, J.V., et al. Cell 127(3):635-648(2006)
Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)
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