

ERF Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50713**Specification**

ERF Antibody - Product Information

Application	WB, IHC
Primary Accession	P50548
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59 KDa
Antigen Region	492-521

ERF Antibody - Additional Information**Gene ID** 2077**Other Names**

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

Dilution

WB~~1:1000

IHC~~1:50-100

FormatRabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

ERF Antibody - 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

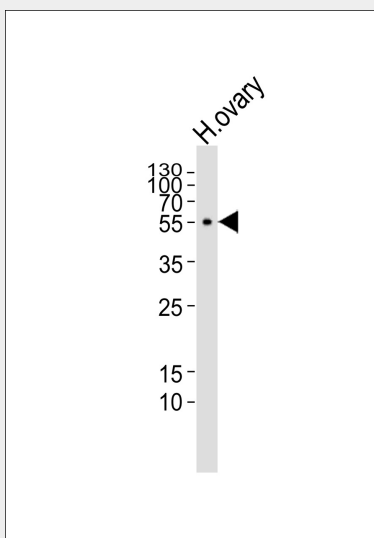
Highest levels in testis, ovary, pancreas, and heart.

ERF Antibody - Protocols

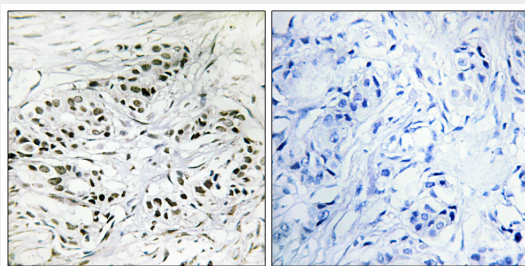
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ERF Antibody - Images



Western blot analysis of lysate from human ovary tissue lysate, using ERF Antibody (AP50713). AP50713 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using ERF antibody.

ERF Antibody - Background

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ERF Antibody - References

Sgouras D.N.,et al.EMBO J. 14:4781-4793(1995).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.
Grimwood J.,et al.Nature 428:529-535(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

ERF Antibody - Citations

- [Generation of two ERF gene knockout human embryonic stem cell lines using CRISPR/Cas9 system](#)