

EHF Rabbit pAb

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Catalog # AP55612

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9NZC4
Predicted	Rat, Human, Mouse, Chicken, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34892
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human EHF
Epitope Specificity	201-300/300
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a protein that belongs to an ETS transcription factor subfamily characterized by epithelial-specific expression (ESEs). The encoded protein acts as a transcriptional repressor and may be involved in epithelial differentiation and carcinogenesis. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2011]

Additional Information

Gene ID	26298
Other Names	ETS homologous factor, hEHF, ETS domain-containing transcription factor, Epithelium-specific Ets transcription factor 3, ESE-3, EHF (HGNC:3246)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	EHF (HGNC:3246)
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Function	Transcriptional activator that may play a role in regulating epithelial cell differentiation and proliferation. May act as a repressor for a specific subset of ETS/AP-1-responsive genes and as a modulator of the nuclear response to mitogen-activated protein kinase signaling cascades. Binds to DNA sequences containing the consensus nucleotide core sequence GGAA. Involved in regulation of TNFRSF10B/DR5 expression through Ets-binding sequences on the TNFRSF10B/DR5 promoter. May contribute to development and carcinogenesis by acting as a tumor suppressor gene or anti-oncogene.
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00237, ECO:0000269 PubMed:11259407, ECO:0000269 PubMed:12444029}
Tissue Location	Expressed exclusively in tissues with a high content of epithelial cells. Highly expressed in salivary gland, mammary gland, prostate, and lung. Weakly expressed in kidney and colon. Not detected in heart, brain, placenta, liver, skeletal muscle, spleen, thymus, testis, ovary, small intestine or peripheral blood leukocytes.

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.