

Anti-EHF Antibody

**Description**

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.

Model

STJ116050

Host

Rabbit

Reactivity

Mouse

Applications

WB

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-210 of human EHF (NP_036285.2).

Gene ID

[26298](#)

Gene Symbol

[EHF](#)

Dilution range

WB 1:500 - 1:2000

Tissue Specificity

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

Purification

Affinity purification

Note

For Research Use Only (RUO).

Protein Name

ETS homologous factor hEHF ETS domain-containing transcription factor

	Epithelium-specific Ets transcription factor 3 ESE-3
Molecular Weight	34.892 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:3246OMIM:605439
Alternative Names	ETS homologous factor hEHF ETS domain-containing transcription factor Epithelium-specific Ets transcription factor 3 ESE-3
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 Localization	Nucleus

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com