

For Research Use Only

EHF Polyclonal antibody, PBS Only

Catalog Number: 27195-1-PBS

Featured Product



Basic Information

Catalog Number:

27195-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25885

GenBank Accession Number:

BC038995

GeneID (NCBI):

26298

UNIPROT ID:

Q9NZC4

Full Name:

ets homologous factor

Calculated MW:

35 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

ETS homologous factor (EHF) is also named Epithelium-specific Ets transcription factor 3 (ESE-3), ESE3B and ESEJ. EHF is a member of the E26 transformation-specific (ETS) gene superfamily (PMID: 12894586). EHF as a tumour suppressor in PDAC. In PDAC, EHF promotes E-cadherin expression and suppresses epithelial-mesenchymal transition (PMID: 27923832). EHF deficiency induces the conversion and expansion of Treg cells and MDSCs by inhibiting TGF β 1 and GM-CSF secretion (PMID: 30733283). In prostate cancer, EHF plays a vital role in the inhibition of cell-intrinsic CSCs signal by suppressing STAT3 and repressing the expression of TWIST1, ZEB2, BMI1 and POU5F1 (PMID: 27732936, PMID: 22505649). EHF not only plays a cell autonomous role in regulating CSC stemness but also has important functions in regulating the sensitivity to a pro-CSC stimulus from the PSC niche (PMID: 33674341).

Storage

Storage:

Store at -80°C .

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

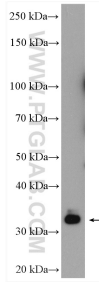
T: 4006900926

E: Proteintech-CN@ptglab.com

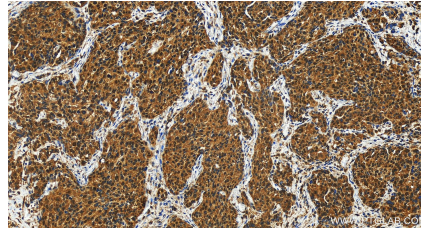
W: ptgcn.com

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Selected Validation Data



LNCaP cells were subjected to SDS PAGE followed by western blot with 27195-1-AP (EHF antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27195-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 27195-1-AP (EHF antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27195-1-PBS in a different storage buffer formulation.