

DTSF/HB-EGF polyclonal antibody

Catalog: BS65575 Host: Rabbit Reactivity: Human, Mouse, Rat, Pig, Cow, Sheep

BackGround:

Heparin-binding epidermal growth factor-like growth factor (HB-EGF) is a 22kDa O-glycosylated protein that is a potent mitogen and chemoattractant for vascular smooth muscle cells, fibroblasts and epithelial cells but not endothelial cells. The natural protein has an apparent molecular mass of 19-23 kDa and exists in multiple forms as a result of heterogeneous O-glycosylation and/or Nterminal truncation. HB-EGF is synthesized as a membrane-anchored precursor (proHB-EGF) that is proteolytically cleaved to release the soluble mature growth factor. The two forms are active as juxtacrine and paracrine/autocrine growth factors respectively. HB-EGF activates two EGF receptor subtypes, HER1/ErbB1 and HER4 and binds to heparan sulfate proteoglycan.

Product:

0.01M TBS (pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

~21kDa

Swiss-Prot:

Q99075

Purification&Purity:

affinity purified by Protein A

Applications:

IHC-P=1:100-500 (石蜡切片需做抗原修复)
not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

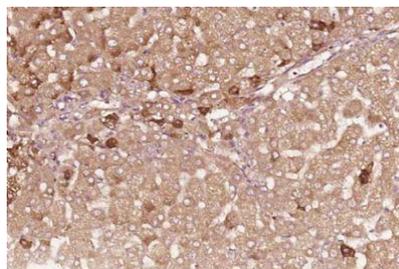
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

DTSF/HB-EGF polyclonal Antibody detects endogenous levels of DTSF/HB-EGF protein.

DATA:



Paraformaldehyde-fixed, paraffin embedded (Human liver carcinoma);
Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min;
Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes;
Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (DTSF) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4 °C.

Note:

For research use only, not for use in diagnostic procedure.

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