Angiogenin Polyclonal Antibody

Catalog No: #42438

Description



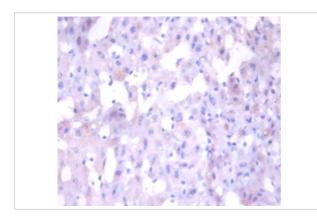
Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Product Name Angiogenin Polyclonal Antibody Rabbit Host Species Clonality Polyclonal Purification Caprylic Acid Ammonium Sulfate Precipitation purified IHC Applications Hu Species Reactivity Specificity The antibody detects endogenous level of total Angiogenin polyclonal antibody. Immunogen Type protein Immunogen Description Recombinant human Angiogenin protein Target Name Angiogenin Other Names RNASE5, ANG, Ribonuclease 5 Accession No. Swiss-Prot#: P03950 Uniprot P03950 GenelD 283: Formulation Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4 Store at -20°C Storage

Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human liver tissue using #42438 at dilution of 1:100.

Background

May function as a tRNA-specific ribonuclease that abolishes protein synthesis by specifically hydrolyzing cellular tRNAs. Binds to actin on the surface of endothelial cells; once bound, angiogenin is endocytosed and translocated to the nucleus. Angiogenin induces vascularization of normal and malignant tissues. Angiogenic activity is regulated by interaction with RNH1 in vivo.

[1]Sequence of the cDNA and gene for angiogenin, a human angiogenesis factor.Kurachi K., Davie EW., Strydom D.J., Riordan J.F., Vallee B.L.Biochemistry 24:5494-5499(1985) [2]Diversifying selection of the tumor-growth promoter angiogenin in primate evol

Note: This product is for in vitro research use only