

Angiogenin Polyclonal Antibody

Catalog No: #42438

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

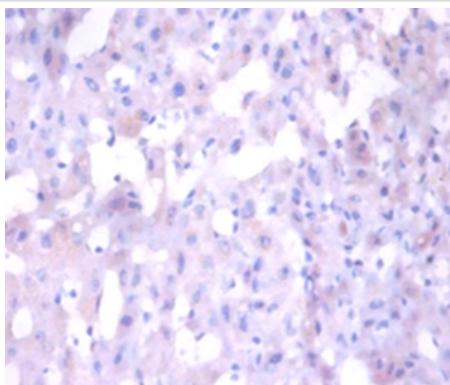
Description

Product Name	Angiogenin Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
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
GeneID	283;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

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.

References

[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