

SERPINA4 Polyclonal Antibody

Catalog No: #42320

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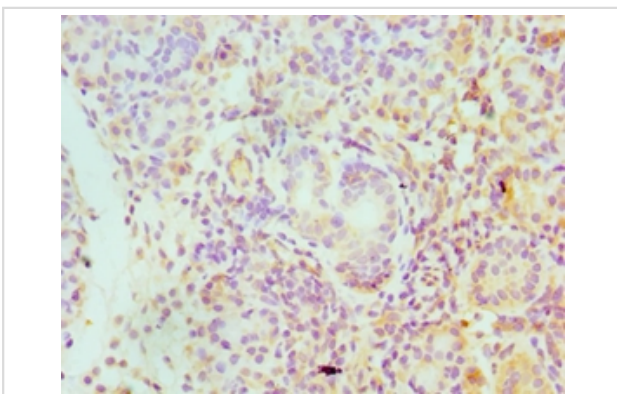
Description

Product Name	SERPINA4 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen Affinity Purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total SERPINA4 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Kallistatin protein (178-427aa)
Target Name	SERPINA4
Other Names	Kallikrein inhibitor, Peptidase inhibitor 4, PI-4, Serpin A4, SERPINA4, KST, PI4
Accession No.	Swiss-Prot#: P29622
Uniprot	P29622
GeneID	5267;
Concentration	1.0mg/mL
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human pancreas using #42320 at dilution of 1:100.

Background

Inhibits human amidolytic and kininogenase activities of tissue kallikrein. Inhibition is achieved by formation of an equimolar, heat- and SDS-stable complex between the inhibitor and the enzyme, and generation of a small C-terminal fragment of the inhibitor due to cleavage at the reactive site by tissue kallikrein.

References

[1]"A strategy for precise and large scale identification of core fucosylated glycoproteins."Jia W., Lu Z., Fu Y., Wang H.P., Wang L.H., Chi H., Yuan Z.F., Zheng Z.B., Song L.N., Han H.H., Liang Y.M., Wang J.L., Cai Y., Zhang Y.K., Deng Y.L., Ying W.T., He S.M., Qian X.H.Mol. Cell. Proteomics 8:913-923(2009). [2]"Human plasma N-glycoproteome analysis by immunoaffinity subtraction, hydrazide chemistry, and mass spectrometry."Liu T., Qian W.-J., Gritsenko M.A., Camp D.G. II, Monroe M.E., Moore R.J., Smith R.D.J. Proteome Res. 4:2070-2080(2005). [3]"Identification and quantification of N-linked glycoproteins using hydrazide chemistry, stable isotope labeling and mass spectrometry."Zhang H., Li X.-J., Martin D.B., Aebersold R.Nat. Biotechnol. 21:660-666(2003).

Note: This product is for in vitro research use only