10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SERPINE2 / Nexin Antibody (clone 2C9)

Mouse Monoclonal Antibody
Catalog # ALS17133

Specification

SERPINE2 / Nexin Antibody (clone 2C9) - Product Information

Application	**IHC-P, WB, FC**
Primary Accession	P07093
Other Accession	5270
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**44002**

SERPINE2 / Nexin Antibody (clone 2C9) - Additional Information

Gene ID 5270

Other Names
SERPINE2, GDNPF, GDN, PNI, PN1, Protease nexin I, Nexin, Protease nexin 1, Serpin E2, Glia-derived nexin, Peptidase inhibitor 7, PI-7, PI7, PN-1

Target/Specificity
Human Nexin

Reconstitution & Storage
PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide. Store at -20°C. Minimize freezing and thawing.

Precautions
SERPINE2 / Nexin Antibody (clone 2C9) is for research use only and not for use in diagnostic or therapeutic procedures.

SERPINE2 / Nexin Antibody (clone 2C9) - Protein Information

Name SERPINE2

Synonyms PI7, PN1

Function
Serine protease inhibitor with activity toward thrombin, trypsin, and urokinase. Promotes neurite extension by inhibiting thrombin. Binds heparin.

Cellular Location
Secreted, extracellular space.

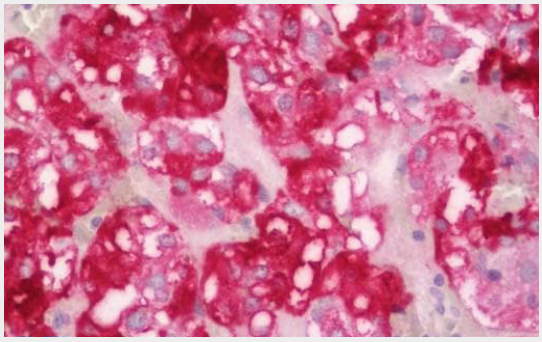
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SERPINE2 / Nexin Antibody (clone 2C9) - Protocols

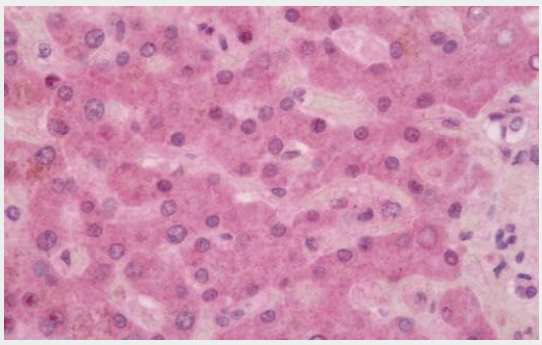
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

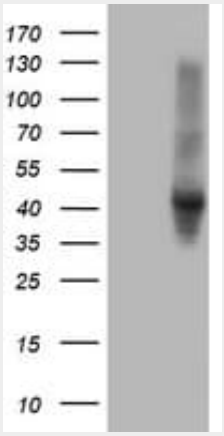
SERPINE2 / Nexin Antibody (clone 2C9) - Images



Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE)



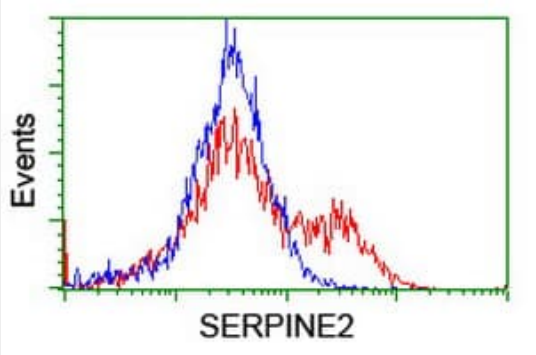
Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY

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SERPINE2...



HEK293T cells transfected with either overexpress plasmid (Red) or empty vector control plasmid...

SERPINE2 / Nexin Antibody (clone 2C9) - Background

Serine protease inhibitor with activity toward thrombin, trypsin, and urokinase. Promotes neurite extension by inhibiting thrombin. Binds heparin.

SERPINE2 / Nexin Antibody (clone 2C9) - References

Sommer J.,et al.Biochemistry 26:6407-6410(1987).
Gloor S.M.,et al.Cell 47:687-693(1986).
McGrogan M.,et al.Biotechnology (N.Y.) 6:172-177(1988).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).