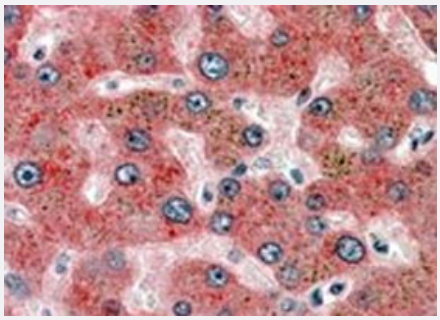
SERPINF2 polyclonal antibody

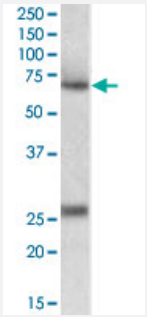
Catalog # PAB7490 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

SERPINF2 polyclonal antibody (Cat # PAB7490, 3.8 ug/mL) staining of paraffin embedded human liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot (Tissue lysate)

SERPINF2 polyclonal antibody (Cat # PAB7490) (0.1 ug/mL) staining of human duodenum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SERPINF2.
Immunogen	A synthetic peptide corresponding to human SERPINF2.
Sequence	C-KDFLQSLKGFPRGDK
Host	Goat
Theoretical MW (kDa)	54.6
Reactivity	Human
Form	Liquid

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Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) Western Blot (0.3-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (3-5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  SERPINF2 polyclonal antibody (Cat # PAB7490, 3.8 ug/mL) staining of paraffin embedded human liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Tissue lysate)

  SERPINF2 polyclonal antibody (Cat # PAB7490) (0.1 ug/mL) staining of human duodenum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — SERPINF2

Entrez GeneID	5345
Protein Accession#	NP_000925.2
Gene Name	SERPINF2
Gene Alias	A2AP, AAP, ALPHA-2-PI, API, PLI
Gene Description	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), mem ber 2
Omim ID	262850

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Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the serpin family of serine protease inhibitors. The protein is a major inhibitor of plasmin, which degrades fibrin and various other proteins. Consequently, the proper function of this gene has a major role in regulating the blood clotting pathway. Mutations in this gene result in alpha-2-plasmin inhibitor deficiency, which is characterized by severe hemorrhagic diathesis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	alpha-2-antiplasmin|alpha-2-plasmin inhibitor|serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2

Publication Reference

- Alpha2-antiplasmin plays a significant role in acute pulmonary embolism.

  Matsuno H, Okada K, Ueshima S, Matsuo O, Kozawa O.

  Journal of Thrombosis and Haemostasis 2003 Aug; 1(8):1734.

Pathway

- Complement and coagulation cascades

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Kidney Failure

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