

SERPINI2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17666b

Product Information

Application	WB, E
Primary Accession	O75830
Other Accession	NP_006208.1
Reactivity	Human
Predicted	Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37465
Calculated MW	46145
Antigen Region	375-401

Additional Information

Gene ID	5276
Other Names	Serpin I2, Myoepithelium-derived serine protease inhibitor, Pancpin, Pancreas-specific protein TSA2004, Peptidase inhibitor 14, PI-14, SERPINI2, MEPI, PI14
Target/Specificity	This SERPINI2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 375-401 amino acids from the C-terminal region of human SERPINI2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SERPINI2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SERPINI2
Synonyms	MEPI, PI14

Cellular Location	Secreted.
Tissue Location	Expressed in pancreas and adipose tissues.

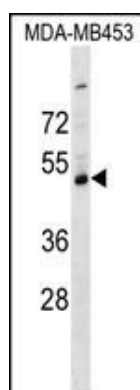
Background

The protein encoded by this gene is a member of the serine protease inhibitor (serpin) superfamily made up of proteins which play central roles in the regulation of a wide variety of physiological processes, including coagulation, fibrinolysis, development, malignancy and inflammation. The gene product may have a role in a growth-control, possibly growth-suppressing pathway and, when impaired, may be involved in pancreatic carcinogenesis. The protein is a member of the plasminogen activator inhibitor-1 family, a subset of the serpin superfamily whose members act as tissue-specific tPA inhibitors. Two alternatively spliced transcript variants encoding distinct protein isoforms have been found for this gene.

References

Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010)
 Lim, J., et al. Cell 125(4):801-814(2006)
 Chang, W.S., et al. Genes Chromosomes Cancer 29(3):240-255(2000)
 Xiao, G., et al. Proc. Natl. Acad. Sci. U.S.A. 96(7):3700-3705(1999)
 Ozaki, K., et al. Genes Chromosomes Cancer 22(3):179-185(1998)

Images



SERPINI2 Antibody (C-term) (Cat. #AP17666b) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the SERPINI2 antibody detected the SERPINI2 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.