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

SERPINB7 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8597c

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	O75635
Reactivity	Human
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB21550
Calculated MW	42905
Antigen Region	108-137

Additional Information

Gene ID	8710
Other Names	Serpin B7, Megsin, TP55, SERPINB7
Target/Specificity	This SERPINB7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 108-137 amino acids from the Central region of human SERPINB7.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 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	SERPINB7 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SERPINB7
Function	Might function as an inhibitor of Lys-specific proteases. Might influence the maturation of megakaryocytes via its action as a serpin.

Cellular Location	Cytoplasm.
Tissue Location	Predominantly expressed in mesangial cells. Expressed in the epidermis of the whole body

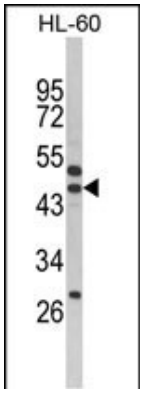
Background

SERPINB7 might function as an inhibitor of Lys-specific proteases and might influence the maturation of megakaryocytes via its action as a serpin.

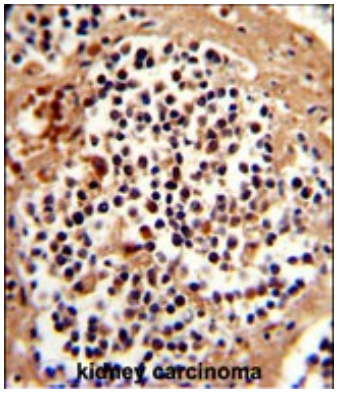
References

Maixnerova,D., et.al., Folia Biol. (Praha) 54 (2), 40-45 (2008)
Wang,Z.H., et.al., Zhonghua Yi Xue Za Zhi 86 (19), 1337-1341 (2006)
Inagi,R., et.al., J. Am. Soc. Nephrol. 13 (11), 2715-2722 (2002)

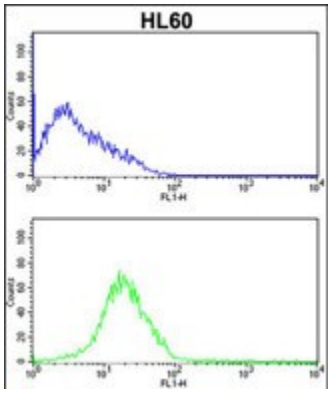
Images



Western blot analysis of SERPINB7 Antibody (Center) (Cat. #AP8597c) in HL-60 cell line lysates (35ug/lane). SERPINB7 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human kidney carcinoma reacted with SERPINB7 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



SERPINB7 Antibody (Center) (Cat. #AP8597c) flow cytometric analysis of HL60 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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