

Megsin Rabbit pAb

Catalog # AP98466

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	O75635
Other Accession	O75635
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42905
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Megsin
Epitope Specificity	301-380/380
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the serpin family. Ov-serpin subfamily.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Serpin B7 is a serine proteinase inhibitor of the ovalbumin like B clade of serpins. It was first discovered in a search for agents responsible for thrombopoiesis, and maturation of megakaryocytes. SerpinB7 was identified as a protein that increased acetylcholine esterase stimulation from bone marrow progenitor cells, and injection of SerpinB7 in mice induced a 40% increase in platelets compared to controls. Shortly thereafter, in a search for kidney specific genes, SerpinB7 was described as a protein specific to mesangial cells, and was named megsin to indicate the tissue specificity of the protein.

Additional Information

Gene ID	8710
Other Names	MEGSIN; PPKN; TP55; SPB7_HUMAN; SERPINB7; serpin family B member 7; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 7; serpin peptidase inhibitor, clade B (ovalbumin), member 7
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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

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