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Megsin Rabbit pAb

Catalog # AP98466

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	O75635
Other Accession	O75635
Reactivity	Rat, Mouse
Predicted	Human
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 barrow 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'.