



Rabbit Anti-Human CAP3 Polyclonal Antibody (CABT-L2272)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Cytoplasmic Antiproteinase 3 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against CAP3. It has been selected for its ability to recognize CAP3 in immunohistochemical staining and western blotting.
Target	CAP3
Immunogen	Recombinant fragment corresponding to human SERPINB9 (Met1~Pro376)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	This gene encodes a member of the serine protease inhibitor family which are also known as serpins. The encoded protein belongs to a subfamily of intracellular serpins. This protein inhibits the activity of the effector molecule granzyme B. Overexpression of this protein may prevent cytotoxic T-lymphocytes from eliminating certain tumor cells. A pseudogene of this gene is found on chromosome 6. [provided by RefSeq, Mar 2012]
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Keywords	SERPINB9;PI9;Serpine Peptidase Inhibitor Clade B Member 9;Peptidase inhibitor 9
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GENE INFORMATION

Gene Name	SERPINB9 serpin peptidase inhibitor, clade B (ovalbumin), member 9 [Homo sapiens (human)]
Official Symbol	SERPINB9
Synonyms	SERPINB9; serpin peptidase inhibitor, clade B (ovalbumin), member 9; PI9; CAP3; PI-9; CAP-3; serpin B9; peptidase inhibitor 9; cytoplasmic antiproteinase 3; protease inhibitor 9 (ovalbumin type); serpin peptidase inhibitor, clade B, member 9; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9;
Protein Refseq	NP_004146
UniProt ID	A0A024QZT4
Chromosome Location	6p25
Pathway	Amoebiasis;
Function	cysteine-type endopeptidase inhibitor activity involved in apoptotic process; protease binding; protein binding; serine-type endopeptidase inhibitor activity;