



Anti-SERPINB9 (aa 279-375) polyclonal antibody (DPAB-DC2242)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	SERPINB9 (NP_004146, 279 a.a. ~ 375 a.a) partial recombinant protein with GST tag. The sequence is DMESVLRHLGIVDAFQQGKADLSAMSAERDLCLSKFVHKSFVEVNEEGTEAAAASSCFVV AECCMESGPRFCADHPFLFFIRHNRANSILFCGRFSS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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;
Entrez Gene ID	5272
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