



Anti-SERPING1 (full length) polyclonal antibody (DPAB-DC3076)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a highly glycosylated plasma protein involved in the regulation of the complement cascade. Its protein inhibits activated C1r and C1s of the first complement component and thus regulates complement activation. Deficiency of this protein is associated with hereditary angioneurotic oedema (HANE). Alternative splicing results in multiple transcript variants encoding the same isoform.
Immunogen	SERPING1 (AAH11171, 1 a.a. ~ 500 a.a) full-length recombinant protein with GST tag. The sequence is MASRLTLLTLLLLLAGDRASSNPATSSSSQDPESLQDRGEGKVATTVISKMLFVEPIL EVSSLPTTNSTNSATKITANTTDEPTTQPTTEPTTQPTIQPTQPTTQLPTDSPTQPTTG SFCPGPVTLCSDLSEHSTEAVLGDALVDFSLKLYHAFSAMKKVETNMAFSPFSIASLLTQ VLLGAGENTKTNLESILSYPKDFTCVHQALKGFTTKGVTSVSVQIFHSPDLAIRDFTFVNAS RTLYSSSPRVLSNNSDANLELINTWVAKNTNNKISRLLDSLPSDTRLVLLNAIYLSAKWK TTFDPKKTRMEPFHFKNSVIKVPMMNSKKYPVAHFIDQTLKAKVGQLQLSHNLSLVILVP QNLKHRLEDMEQALSPSVFKAIMEKLEMSKFQPTLLTLPR
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	SERPING1 serpin peptidase inhibitor, clade G (C1 inhibitor), member 1 [Homo sapiens (human)]
Official Symbol	SERPING1
Synonyms	SERPING1; serpin peptidase inhibitor, clade G (C1 inhibitor), member 1; C1IN; C1NH; HAE1; HAE2; C1INH; plasma protease C1 inhibitor; serpin G1; C1-inhibiting factor; C1 esterase inhibitor; complement component 1 inhibitor; serine/cysteine proteinase inhibitor clade G member 1;
Entrez Gene ID	710
Protein Refseq	NP_000053
UniProt ID	E9KL26
Chromosome Location	11q12.1
Pathway	Complement and Coagulation Cascades; Complement and coagulation cascades; Hemostasis; Pertussis
Function	protein binding; serine-type endopeptidase inhibitor activity;