

SERPING1 rabbit monoclonal antibody

Catalog # H00000710-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SERPING1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SERPING1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SERPING1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SERPING1

Entrez GeneID	710
GeneBank Accession#	SERPING1
Gene Name	SERPING1
Gene Alias	C1IN, C1INH, C1NH, HAE1, HAE2
Gene Description	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1
Omim ID	106100 606860
Gene Ontology	Hyperlink
Gene Summary	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 angioedema (HANE). Alternative splicing results in multiple transcript variants encoding the same isoform. [provided by RefSeq]
Other Designations	complement component 1 inhibitor plasma protease C1 inhibitor serine/cysteine proteinase inhibitor clade G member 1

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Acute Disease](#)
- [Birth Weight](#)
- [Choroid Diseases](#)
- [Choroidal Neovascularization](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)

- [Glioma](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Meningococcal Infections](#)
- [Otitis Media](#)
- [Ovarian Neoplasms](#)
- [Recurrence](#)