

# SERPINB9 rabbit monoclonal antibody

Catalog # H00005272-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human SERPINB9 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SERPINB9 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SERPINB9 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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — SERPINB9

Entrez GeneID	<a href="#">5272</a>
GeneBank Accession#	<a href="#">SERPINB9</a>
Gene Name	SERPINB9
Gene Alias	CAP-3, CAP3, PI9
Gene Description	serpin peptidase inhibitor, clade B (ovalbumin), member 9
Omim ID	<a href="#">601799</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	PI9 belongs to the large superfamily of serine proteinase inhibitors (serpins), which bind to and in activate serine proteinases. These interactions are involved in many cellular processes, including coagulation, fibrinolysis, complement fixation, matrix remodeling, and apoptosis (Sprecher et al., 1995 [PubMed 8530382]).[supplied by OMIM]
Other Designations	OTTHUMP00000015954 protease inhibitor 9 (ovalbumin type) serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9