

APCS rabbit monoclonal antibody

Catalog # H00000325-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human APCS peptide using ARM Technology.
Immunogen	A synthetic peptide of human APCS 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 APCS 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 — APCS

Entrez GeneID	325
GeneBank Accession#	APCS
Gene Name	APCS
Gene Alias	MGC88159, PTX2, SAP
Gene Description	amyloid P component, serum
Omim ID	104770
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a glycoprotein, belonging to the pentraxin family of proteins, which has a characteristic pentameric organization. These family members have considerable sequence homology which is thought to be the result of gene duplication. The binding of the encoded protein to proteins in the pathological amyloid cross-beta fold suggests its possible role as a chaperone. This protein is also thought to control the degradation of chromatin. It has been demonstrated that this protein binds to apoptotic cells at an early stage, which raises the possibility that it is involved in dealing with apoptotic cells in vivo. [provided by RefSeq]
Other Designations	9.5S alpha-1-glycoprotein OTTHUMP00000024355 pentraxin-related serum amyloid P component

Disease

- [Amyloid Neuropathies](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)