PCSK4 rabbit monoclonal antibody

Catalog # H00054760-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PCSK4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PCSK4 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 PCSK4 peptide by ELISA and mammalian transfected lysate by W estern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — PCSK4

Entrez GeneID	54760
GeneBank Accession#	PCSK4
Gene Name	PCSK4
Gene Alias	DKFZp434B217, MGC34749, PC4, SPC5
Gene Description	proprotein convertase subtilisin/kexin type 4
Omim ID	600487
Gene Ontology	Hyperlink
Gene Summary	Proprotein convertases, including PCSK4, are calcium-dependent serine proteases related to bacterial subtilisins and to yeast kexin. These enzymes process precursor proteins to their active forms by selective cleavage of the polypeptide at sites following paired basic amino acids. In mammals, this family comprises PC1 (MIM 162150), PC2 (MIM 162151), PC4, PC5 (MIM 600488), furin (FUR; MIM 136950), and PACE4 (MIM 167405). Substrates for these enzymes range from prohormones to precursors for growth factors to cell surface receptors and viral surface glycoproteins (Cao et al., 2001 [PubMed 11776387]).[supplied by OMIM
Other Designations	OTTHUMP00000158677

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema