

ZMPSTE24 rabbit monoclonal antibody

Catalog # H00010269-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ZMPSTE24 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ZMPSTE24 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 ZMPSTE24 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 — ZMPSTE24

Entrez GeneID	10269
GeneBank Accession#	ZMPSTE24
Gene Name	ZMPSTE24
Gene Alias	FACE-1, FACE1, FLJ14968, STE24, Ste24p
Gene Description	zinc metalloproteinase (STE24 homolog, S. cerevisiae)
Omim ID	275210 606480 608612
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the peptidase M48A family. The encoded protein is a zinc metalloproteinase involved in the two step post-translational proteolytic cleavage of carboxy terminal residues of farnesylated prelamin A to form mature lamin A. Mutations in this gene have been associated with mandibuloacral dysplasia and restrictive dermopathy. [provided by RefSeq]
Other Designations	CAAX prenyl protease OTTHUMP00000006394 farnesylated-proteins converting enzyme 1 prenyl protein-specific endoprotease 1 zinc metalloproteinase STE24

Disease

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- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)