

AZIN1 rabbit monoclonal antibody

Catalog # H00051582-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human AZIN1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human AZIN1 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 AZIN1 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 — AZIN1

Entrez GeneID [51582](#)

GeneBank Accession# [AZIN1](#)

Gene Name AZIN1

Gene Alias MGC3832, MGC691, OAZI, OAZIN, ODC1L

Gene Description antizyme inhibitor 1

Omim ID [607909](#)

Gene Ontology [Hyperlink](#)

Gene Summary Ornithine decarboxylase (ODC) catalyzes the conversion of ornithine to putrescine in the first and apparently rate-limiting step in polyamine biosynthesis. Ornithine decarboxylase antizymes play a role in the regulation of polyamine synthesis by binding to and inhibiting ornithine decarboxylase. The protein encoded by this gene is highly similar to ODC. It binds to ODC antizyme and stabilize s ODC, thus inhibiting antizyme-mediated ODC degradation. Two alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]

Other Designations ornithine decarboxylase 1-like|ornithine decarboxylase antizyme inhibitor