OAZ3 rabbit monoclonal antibody

Catalog # H00051686-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human OAZ3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human OAZ3 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 OAZ3 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 — OAZ3

Entrez GeneID	51686
GeneBank Accession#	OAZ3
Gene Name	OAZ3
Gene Alias	AZ3, OAZ-t, TISP15
Gene Description	ornithine decarboxylase antizyme 3
Omim ID	605138
Gene Ontology	Hyperlink
Gene Summary	Ornithine decarboxylase catalyzes the conversion of ornithine to putrescine in the first and apparently rate-limiting step in polyamine biosynthesis. The ornithine decarboxylase antizymes play a role in the regulation of polyamine synthesis by binding to and inhibiting ornithine decarboxylase. Antizyme expression is auto-regulated by polyamine-enhanced translational frameshifting. In contrast to antizymes 1 and 2, which are widely expressed throughout the body, the expression of this gene product (antizyme 3) is restricted to testis germ cells, and thus it is a possible candidate for heritable forms of human male infertility. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	antizyme 3

Disease

- Genetic Predisposition to Disease
- Infertility