GAPDHS rabbit monoclonal antibody

Catalog # H00026330-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	26330
GeneBank Accession#	GAPDHS
Gene Name	GAPDHS
Gene Alias	GAPD2, GAPDH-2, GAPDS, HSD-35
Gene Description	glyceraldehyde-3-phosphate dehydrogenase, spermatogenic
Omim ID	609169
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein belonging to the glyceraldehyde-3-phosphate dehydrogenase family of enzymes that play an important role in carbohydrate metabolism. Like its somatic cell counterp art, this sperm-specific enzyme functions in a nicotinamide adenine dinucleotide-dependent mann er to remove hydrogen and add phosphate to glyceraldehyde 3-phosphate to form 1,3-diphospho glycerate. During spermiogenesis, this enzyme may play an important role in regulating the switch between different energy-producing pathways, and it is required for sperm motility and male fertilit y. [provided by RefSeq
Other Designations	glyceraldehyde-3-phosphate dehydrogenase, testis-specific|spermatogenic cell-specific glyceral dehyde 3-phosphate dehydrogenase 2

Disease

- Alzheimer disease
- Genetic Predisposition to Disease