

DAK rabbit monoclonal antibody

Catalog # H00026007-K Size 100 ug x up to 3

Specification

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

Entrez GeneID [26007](#)

GeneBank Accession# [DAK](#)

Gene Name DAK

Gene Alias DKFZp586B1621, MGC5621

Gene Description dihydroxyacetone kinase 2 homolog (S. cerevisiae)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the family of dihydroxyacetone kinases, which have a protein structure distinct from other kinases. The product of this gene phosphorylates dihydroxyacetone, and also catalyzes the formation of riboflavin 4',5'-phosphate (aka cyclin FMN) from FAD. Several alternatively spliced transcript variants have been identified, but the full-length nature of only one has been determined. [provided by RefSeq]

Other Designations Dha kinase/FMN cyclase|dihydroxyacetone kinase 2|glycerone kinase

Pathway

- [Glycerolipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Kidney Failure](#)