

DNAxPAb

Hard-to-Find  
Antibody

# DAK DNAxPab

Catalog # H00026007-W01P

Size 200 ug

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human DAK DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence                | MTSKKLVNSVAGCADDALAGLVACNPNLQLLQGHRVALRSDLDLKGKRVALLSGGGSGHEPAH<br>AGFIGKGMTGVIAGAVFTSPAVGSILAAIRAVAQAGTVGTLIVKNYTGDRLNFGGLAREQARAEGIP<br>VEMVIGDDSAFTVLKKAGRRGLCGTVLIHKVAGALAEAGVGLLEEIAKQVNVVAKAMGTLGVSL<br>SCSVPGSKPTFELSADEVELGLGIHGEAGVRRIKMATADEIVKLMLDHMTNTTNASHVPVQPGSS<br>VVMVNNLGGLSFLELGIADATVRSLEGRGVKIARALVGTFMSSALEMPGISLTLLLVDEPLLKLIDA<br>ETAAAWPNVAAVSITGRKRSRVAPAEPQEAPDSTAAGGSASKRMALVLERVCSTLLGLEEHLN<br>ALDRAAGDGCCTHSRAARAIQEWLKEGPPASPAPQLLSKLSVLLLEKMGGSSGALYGLFLTA<br>AAQPLKAKTSLPAWSAAMDAGLEAMQKYGKAAPGDRTMLDSLWAAGQELQAWKSPGADLLQV<br>LTKAVKSAEAAAATKNMEAGAGRASYSSARLEQPDPGAVAAAAAILRAILEVLQS |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purification            | Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — DAK

Entrez GeneID [26007](#)

GeneBank Accession# [NM\\_015533.3](#)

Protein Accession# [NP\\_056348.2](#)

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](#)