DNAxPAb | Hard-to-Find Antibody

AK3L1 DNAxPab

Catalog # H00000205-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AK3L1 DNA using DNAx™ Immune tec hnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MASKLLRAVILGPPGSGKGTVCRRIAQNFGLQHLSSGHFLRENIKASTEVGEMAKQYIEKSLLVPD HVITRLMMSELENRRGQHWLLDGFPRTLGQAEALDKICEVDLVISLNIPFETLKDRLSRRWIHPPSG RVYNLDFNPPHVHGIDDVTGEPLVQQEDDKPEAVAARLRQYKDVAKPVIELYKSRGVLHQFSGTE TNKIWPYVYTLFSNKITPIQSKEAY
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (89)
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 — AK3L1

Entrez GeneID	205
GeneBank Accession#	BC066944.1
Protein Accession#	AAH66944.1
Gene Name	AK3L1
Gene Alias	AK3, AK4, MGC166959
Gene Description	adenylate kinase 3-like 1
Omim ID	103030
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the adenylate kinase family of enzymes. The encoded protein is l ocalized to the mitochondrial matrix. Adenylate kinases regulate the adenine and guanine nucleoti de compositions within a cell by catalyzing the reversible transfer of phosphate group among thes e nucleotides. Five isozymes of adenylate kinase have been identified in vertebrates. Expression of these isozymes is tissue-specific and developmentally regulated. A pseudogene for this gene h as been located on chromosome 17. Three transcript variants encoding the same protein have be en identified for this gene. Sequence alignment suggests that the gene defined by NM_013410, N M_203464, and NM_001005353 is located on chromosome 1. [provided by RefSeq
Other Designations	ATP-AMP transphosphorylase|GTP:AMP phosphotransferase|OTTHUMP00000010594|mitochon drial adenylate kinase-3|nucleoside-triphosphate-adenylate kinase

Pathway

- Metabolic pathways
- Purine metabolism

Disease

- Tobacco Use Disorder