

DNAxPAb

Hard-to-Find
Antibody

AK5 DNAxPab

Catalog # H00026289-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AK5 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MNTNDAKEYMARREIPQLFESLLNGLMCSKPEDPVEYLESCLQKVKEGGCDKVKWDTFVSQE KKTLPLNGGQSRRSFLRNVMPGNSNFPYRRYDRLPPIHQFSIESDTDLSETAELIEEYEVDPTR PRPKIILVIGGPGSGKGTQSLKIAERYGFQYISVGELLRKKIHSTSSNRKWSLIAKIITGELAPQETIT EIKQKLMQIPDEEGVIDGFPRDVAQALSFDQICTPDLVVFLACANQRLKERLLKRAEQQGRPDD NVKATQRRLMNFKQNAAPLVKYFQEKGLIMTFDADRDEDEVFYDISMAVDNKLFPNKEAAAGSS DLDPMSMILDTGEIDTGSYEDQGDDQLNVFGEDTMGGFMEDLRKCKIIFIIGGPGSGKGTQCEKLV EKYGFTHLSTGELLREELASESERSKLIRDIMERGDLVPSGMLELLKEAMVASLGDTRGFLIDGYP REVKGQEEFGRIGDPQLVICMDCSADTMTNRLQSRSSLPVDDTTKTIKRLEAYRASIPVIAY YETKTQLHKINAEGTPEDVFLQLCTAIDSIF
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 — AK5

Entrez GeneID [26289](#)

GeneBank Accession# [BC036666](#)

Protein Accession# [AAH36666](#)

Gene Name AK5

Gene Alias AK6, MGC33326

Gene Description adenylate kinase 5

Omim ID [608009](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the adenylate kinase family, which is involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. This member is related to the UMP/CMP kinase of several species. It is located in the cytosol and expressed exclusively in brain. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations ATP-AMP transphosphorylase|OTTHUMP00000011354|OTTHUMP00000011355|adenylate kinase 6

Pathway

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

Disease

- [Tobacco Use Disorder](#)