Anti-AK3 (aa 25-86) polyclonal antibody (DPAB-DC2097)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description: The protein encoded by this gene is a GTP:ATP phosphotransferase that is found in the mitochondrial matrix. Several transcript variants encoding a few different isoforms have been found for this gene.

Immunogen: AK3 (NP_057366, 25 a.a. ~ 86 a.a) partial recombinant protein with GST tag. The sequence is SRITTHFELKHLSSGDDLRRDNMLRGEIGVLAFAFIDQGKLPDDVMTRLAHELKNLTQYS

Source/Host: Mouse

Species Reactivity: Human

Conjugate: Unconjugated

Applications: WB (Recombinant protein), ELISA,

Size: 50 μl

Buffer: 50 % glycerol

Storage: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name: AK3 adenylate kinase 3 [ Homo sapiens (human) ]

Official Symbol: AK3

Synonyms: AK3; adenylate kinase 3; AK6; FIX; AK3L1; AKL3L; AKL3L1; GTP:AMP phosphotransferase AK3, mitochondrial; adenylate kinase 3 alpha-like 1; GTP:AMP phosphotransferase, mitochondrial; adenylate kinase 6, adenylate kinase 3 like 1;

Entrez Gene ID: 50808

mRNA Refseq: NM_001199852

Protein Refseq: NP_001186781

MIM: 609290
<table>
<thead>
<tr>
<th><strong>UniProt ID</strong></th>
<th>Q7Z4Y4</th>
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<tbody>
<tr>
<td><strong>Chromosome Location</strong></td>
<td>9p24.1</td>
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<tr>
<td><strong>Pathway</strong></td>
<td>Factors involved in megakaryocyte development and platelet production; Pyrimidine metabolism;</td>
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<tr>
<td><strong>Function</strong></td>
<td>ATP binding; GTP binding; NOT adenylate kinase activity; nucleoside triphosphate adenylate kinase activity</td>
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