



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 SRITTHFELKHLSSGDLLRDNMLRGTEIGVLAKAFIDQGKLIPDDVMTRLALHELKNLTQ YS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
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)]
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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
Protein Refseq	NP_001186781
UniProt ID	Q7Z4Y4
Chromosome Location	9p24.1
Pathway	Factors involved in megakaryocyte development and platelet production; Pyrimidine metabolism;
Function	ATP binding; GTP binding; NOT adenylate kinase activity; nucleoside triphosphate adenylate kinase activity
