

RK05619

Leader in Biomolecular Solutions for Life Science



[One Step] AK4 Antibody Kit

Catalog No.: RK05619

Basic Information

Applications

Cross-Reactivity

Human, Mouse, Rat

Observed MW

27kDa

Calculated MW

25kDa

Category

Antibody kit

Background

This gene encodes a member of the adenylate kinase family of enzymes. The encoded protein is localized to the mitochondrial matrix. Adenylate kinases regulate the adenine and guanine nucleotide compositions within a cell by catalyzing the reversible transfer of phosphate group among these 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 has been located on chromosome 17. Three transcript variants encoding the same protein have been identified for this gene. Sequence alignment suggests that the gene defined by NM_013410, NM_203464, and NM_001005353 is located on chromosome 1.

Product Information

Source

Rabbit

Purification

Storage

Avoid repeated freeze-thaw cycles.

Contact



www.abclonal.com

Component & Recommended Dilutions

Catalog No.	Product Name	Dilutions
RK05619-1	AK4 Rabbit pAb	25kDa
RK05619-2	HRP-conjugated Goat anti-Rabbit IgG (H+L)	27kDa

Immunogen Information

Gene ID

205

Swiss Prot

P27144

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-223 of human AK4 (NP_037542.1).

Synonyms

AK3; AK 4; AK3L1; AK3L2; AK4