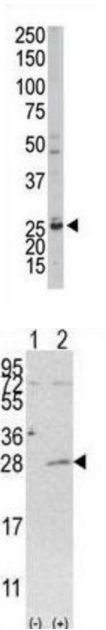
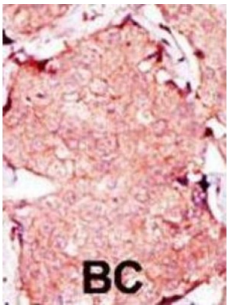


Adenylate Kinase 4, Mitochondrial (AK4) Antibody

Catalogue No.: abx033891



AK3 is 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.

Target: Adenylate Kinase 4, Mitochondrial (AK4)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Datasheet

Version: 1.0.0
Revision date: 06 Oct 2024



Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 195-223 amino acids from the C-terminal region of human AK3.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P27144 (UniProt , ExpASY)
Molecular Weight:	Calculated MW: 25.3 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Rat AK4.
Note:	This product is for research use only.

For Reference Only