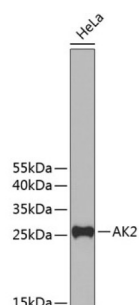


Adenylate Kinase 2, Mitochondrial (AK2) Antibody

Catalogue No.: abx004999



Western blot analysis of extracts of HeLa cells using AK2 Antibody

AK2 Antibody is a Rabbit Polyclonal antibody against AK2. Adenylate kinases are involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. Three isozymes of adenylate kinase, namely 1, 2, and 3, have been identified in vertebrates; this gene encodes isozyme 2. Expression of these isozymes is tissue-specific and developmentally regulated. Isozyme 2 is localized in the mitochondrial intermembrane space and may play a role in apoptosis. Mutations in this gene are the cause of reticular dysgenesis. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 1 and 2.

Target:	Adenylate Kinase 2, Mitochondrial (AK2)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human AK2
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P54819 (UniProt , ExPASy)

Datasheet

Version: 4.0.0

Revision date: 06 Jul 2025



Gene Symbol: AK2

GeneID: [204](#)

NCBI Accession: NP_001616.1

Molecular Weight: Calculated MW: 14 kDa/21 kDa/22 kDa/24 kDa/25 kDa/26 kDa
Observed MW: 26 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only