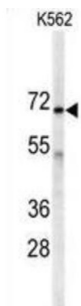
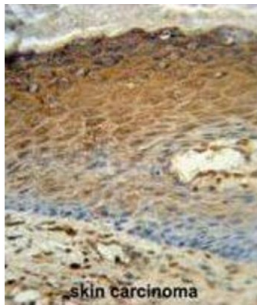


Datasheet

Version: 3.0.0
Revision date: 21 Sep 2024

Adenylate Kinase 7 (AK7) Antibody

Catalogue No.: abx033162



The adenylate kinases (AK) are a family of structurally and functionally related enzymes that catalyze a similar reaction, $MgNTP + AMP = MgNDP + ADP$ ($N = A$ or G). The AK enzymes are important for maintenance of homeostasis of the adenine and guanine nucleotide pools. AK1 is a cytosolic enzyme for which ATP is the substrate. AK2 catalyzes the same reaction as AK1, but it is localized in the mitochondrial intermembrane space. AK3 is present in the mitochondrial matrix and prefers GTP over ATP as the substrate.

Target: Adenylate Kinase 7 (AK7)

Clonality: Polyclonal

Reactivity: Human

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.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 629-656 amino acids from the C-terminal region of human AK7.

Isotype: IgG

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Form:	Liquid
Purification:	Purified Rabbit Polyclonal Antibody.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q96M32 (UniProt , ExPASy)
KEGG:	hsa:122481
String:	9606.ENSP00000267584
Molecular Weight:	Calculated MW: 82.7 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Monkey AK7.
Note:	This product is for research use only.

For Reference Only