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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-AK6 Antibody

Catalog Number: A09025-2

About AK6

Adenylate Kinase 6 (AK6), also known as human coilin-interacting nuclear ATPase protein (hCINAP), is a unique enzyme that belongs to the adenylate kinase family. It is encoded by the AK6 gene located on chromosome 5q13.2. AK6 is a dual-activity enzyme, possessing both adenylate kinase and ATPase activities. The protein is involved in various biological processes, including gene transcription, ribosome quality control, embryonic development, cellular senescence, metabolism, proliferation, apoptosis, DNA damage response, and inflammation. It is also implicated in tumor development and has been explored as a potential drug target for cancer and neurodegenerative diseases.

Overview

Product Name	Anti-AK6 Antibody
Reactive Species	Human
Description	Boster Bio Anti-AK6 Antibody catalog # A09025-2. Tested in WB, ELISA applications. This antibody reacts with Human.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt-20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9Y3D8

Technical Details

Immunogen	E.coli-derived human AK6 recombinant protein (Position: L3-D169).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 ELISA, 1:100-1000

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Anti-AK6 Antibody

For Research Use Only. Not for use in diagnostic procedures.