

Anti-AK3L1/AK4 Antibody

Catalog Number: A07383-1

About AK4

AK3L1(Adenylate kinase 3-like) is also named as AK4, AK3L1 and belongs to the adenylate kinase family. It catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. It is important for maintenance of homeostasis of the adenine and guanine nucleotide pools. Expression is highest in kidney and heart, moderate in liver, weak in brain, and barely detectable in placenta and lung by northern blot(PMID:11485571). This antibody may also recognize AK3 due to the high homology.

Overview

Product Name	Anti-AK3L1/AK4 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-AK3L1/AK4 Antibody catalog # A07383-1. Tested in WB, IHC, ICC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 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 at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P27144

Technical Details

Immunogen	E.coli-derived human AK3L1/AK4 recombinant protein (Position: S3-E221).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400 ImmunoPrecipitation, 1:250-300

ELISA, 1:100-1000

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