

Datasheet for ABIN634447

anti-Adenylate Kinase 3 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Adenylate Kinase 3 (AK3)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenylate Kinase 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	AK3 antibody was raised using the N terminal of AK3 corresponding to a region with amino acids MGASARLLRAVIMGAPGSGKGTVSSRITTHFELKHLSSGDLLRDNMLRGT
Specificity:	AK3 antibody was raised against the N terminal of AK3
Purification:	Affinity purified

Target Details

Target:	Adenylate Kinase 3 (AK3)
Alternative Name:	AK3 (AK3 Products)
Background:	The AK3 protein is a GTP:ATP phosphotransferase that is found in the mitochondrial matrix. Several transcript variants encoding a few different isoforms have been found for this gene.

Target Details

Molecular Weight: 25 kDa (MW of target protein)

Pathways: [Nucleotide Phosphorylation, Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: WB: 1 µg/mL

Optimal conditions should be determined by the investigator.

Comment: AK3 Blocking Peptide, catalog no. 33R-6011, is also available for use as a blocking control in assays to test for specificity of this AK3 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of AK3 antibody in PBS

Concentration: Lot specific

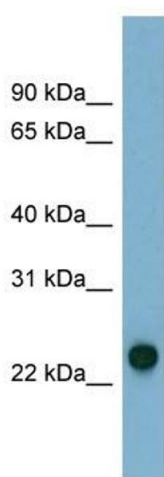
Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. AK3 antibody used at 1 µg/ml to detect target protein.