

Datasheet for ABIN629661
anti-AK4 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µg
Target:	AK4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AK4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	AK3 L1 antibody was raised using the middle region of AK3 1 corresponding to a region with amino acids RWIHPPSGRVYNLDFNPPHVHGIDDVTGEPLVQQEDDKPEAVAARLRQYK
Specificity:	AK3 L1 antibody was raised against the middle region of AK3 1
Purification:	Purified

Target Details

Target:	AK4
Alternative Name:	AK3L1 (AK4 Products)
Background:	AK3L1 is a member of the adenylate kinase family of enzymes. The protein is localized to the mitochondrial matrix. Adenylate kinases regulate the adenine and guanine nucleotide compositions within a cell by catalyzing the reversible transfer of phosphate group among

Target Details

these nucleotides.

Molecular Weight: 25 kDa (MW of target protein)

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

Application Details

Application Notes: WB: 2.5 µg/mL
Optimal conditions should be determined by the investigator.

Comment: AK3L1 Blocking Peptide, catalog no. 33R-8265, is also available for use as a blocking control in assays to test for specificity of this AK3L1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of AK0 1 antibody in PBS

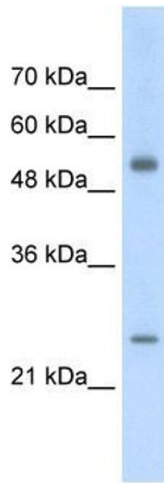
Concentration: Lot specific

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.



Western Blotting

Image 1. AK3L1 antibody used at 2.5 ug/ml to detect target protein.