

Datasheet for ABIN544915
anti-AK4 antibody (N-Term)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	400 µL
Target:	AK4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AK4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of AK3L1.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human AK3L1.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified

Target Details

Target:	AK4
Alternative Name:	AK3L1 (AK4 Products)
Gene ID:	205

Target Details

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

Application Details

Application Notes: ELISA (1:1000)
Western Blot (1:100-500)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS (0.09 % sodium azide)

Preservative: Sodium azide

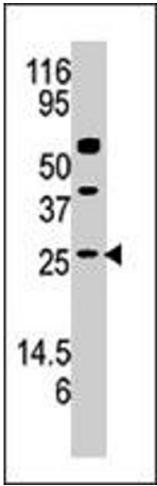
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Noma, Fujisawa, Yamashiro, Shinohara, Nakazawa, Gondo, Ishihara, Yoshinobu: "Structure and expression of human mitochondrial adenylate kinase targeted to the mitochondrial matrix." in: **The Biochemical journal**, Vol. 358, Issue Pt 1, pp. 225-32, (2001) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of AK3L1 polyclonal antibody in mouse kidney tissue lysate (35 ug/lane). AK3L1 (arrow) was detected using the purified polyclonal antibody (1 : 50dilution).