

Product datasheet

Anti-AK7 antibody ab75935

1 Image

Overview

Product name	Anti-AK7 antibody
Description	Rabbit polyclonal to AK7
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	KLH conjugated synthetic peptide selected from the C terminal region of human AK7.
Positive control	K562 cell line lysates

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Ammonium Sulphate Precipitation
Purification notes	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab75935** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		
ELISA		

Application notes

ELISA: 1/1000.

WB: 1/50 - 1/100. Predicted molecular weight (unprocessed precursor): 83 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

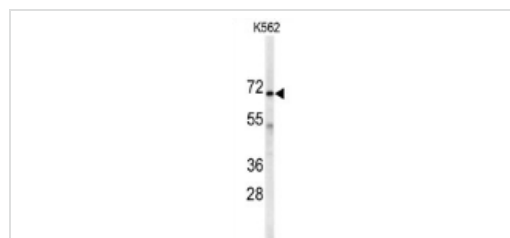
Relevance

The adenylate kinases (AK) are a family of structurally and functionally related enzymes that catalyze a similar reaction, $MgNTP + AMP = MgNDP + ADP$ (N = A or G). The AK enzymes are important for maintenance of homeostasis of the adenine and guanine nucleotide pools.

Cellular localization

Cytoplasmic

Images



Western blot - AK7 antibody (ab75935)

Anti-AK7 antibody (ab75935) at 1/50 dilution
+ K562 cell line lysates at 35 µg

Predicted band size: 83 kDa

Observed band size: 72 kDa

Additional bands at: 55 kDa. We are unsure as to the identity of these extra bands.

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