

Datasheet for ABIN7154605

**anti-Adenylate Kinase 3 antibody (AA 142-227)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	Adenylate Kinase 3 (AK3)
Binding Specificity:	AA 142-227
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenylate Kinase 3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human GTP:AMP phosphotransferase AK3, mitochondrial protein (142-227AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	Adenylate Kinase 3 (AK3)
Alternative Name:	AK3 ( <a href="#">AK3 Products</a> )
Background:	Background: Involved in maintaining the homeostasis of cellular nucleotides by catalyzing the interconversion of nucleoside phosphates. Has GTP:AMP phosphotransferase and ITP:AMP

## Target Details

phosphotransferase activities.

Aliases: Adenylate kinase 3 alpha-like 1 antibody, Adenylate kinase 3 antibody, Adenylate kinase 3, formerly antibody, adenylate kinase 6, adenylate kinase 3 like 1 antibody, AK 3 antibody, AK3 antibody, AK3, formerly antibody, AK3L1 antibody, AK4 antibody, AK4, mouse, homolog of antibody, AK6 antibody, AKL3L antibody, AKL3L1 antibody, FIX antibody, GTP:AMP phosphotransferase antibody, GTP:AMP phosphotransferase, mitochondrial antibody, KAD3\_HUMAN antibody, mitochondrial antibody, OTTHUMP00000021015 antibody, OTTHUMP00000021016 antibody, RP11 6J24.4 antibody

UniProt: [Q9UIJ7](#)

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

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

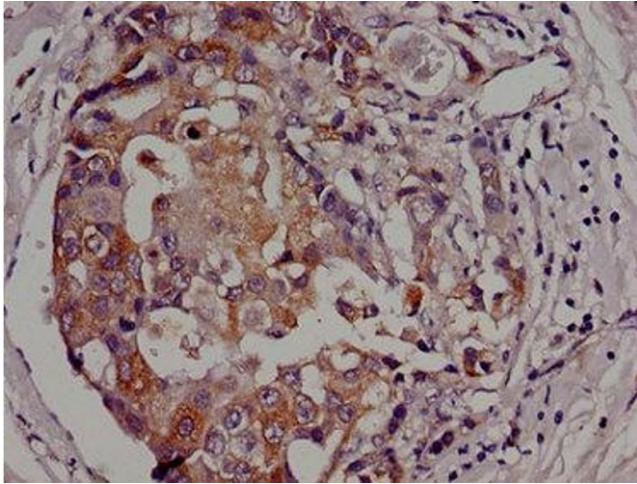
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7154605 at dilution of 1:100