



Datasheet for ABIN6755287  
**anti-AK4 antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	AK4
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Monkey, Cow, Horse, Pig, Rabbit, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AK4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from N-Terminus of human AK4 (P27144, NP_001005353). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Monkey, Marmoset, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum (100%), Hamster (92%), Zebra finch (90%), Mouse, Rat (85%), Xenopus (84%).  Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human AK4
Purification:	Immunoaffinity purified

## Target Details

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Target:	AK4
Alternative Name:	AK4 / Adenylate Kinase 4 ( <a href="#">AK4 Products</a> )
Background:	Name/Gene ID: AK4  Synonyms: AK4, Adenylate kinase 3-like 1, Adenylate kinase 4, Adenylate kinase 3-like, Adenylate kinase 3, AK3L1, ATP-AMP transphosphorylase, AK3L2, GTP:AMP phosphotransferase
Gene ID:	205
NCBI Accession:	<a href="#">NP_001005353</a>
Pathways:	<a href="#">Nucleotide Phosphorylation, Ribonucleoside Biosynthetic Process</a>

## Application Details

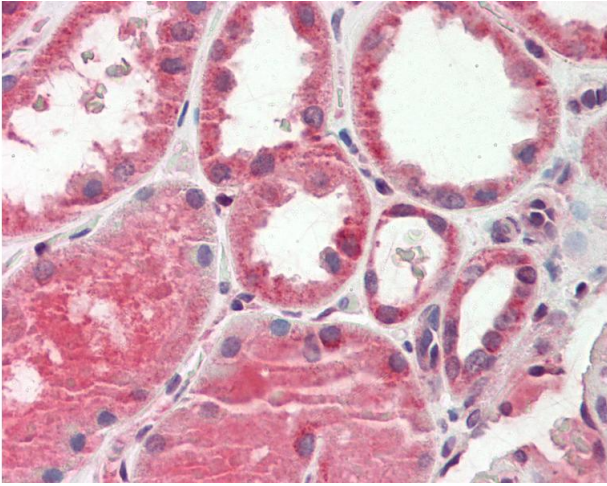
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Application Notes:	Approved: IHC, IHC-P (10 µg/mL), WB (0.2 - 1 µg/mL)  Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:62500.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)  Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.



### Immunohistochemistry

**Image 1.** Anti-AK4 / Adenylate Kinase 4 antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml. This image was taken for the unconjugated fo ...