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Datasheet for ABIN7238633

## anti-Adenylate Kinase 5 antibody

### 2 Images

#### Overview

Quantity:	200 µL
Target:	Adenylate Kinase 5 (AK5)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenylate Kinase 5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

#### Product Details

Immunogen:	Synthetic peptide of human AK5
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	Adenylate Kinase 5 (AK5)
Alternative Name:	AK5 ( <a href="#">AK5 Products</a> )
Background:	This gene encodes a member of the adenylate kinase family, which is involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. This member is related to the UMP/CMP kinase of several species. It is located in the cytosol and expressed exclusively in brain. Alternatively spliced

## Target Details

transcript variants encoding distinct isoforms have been identified for this gene.

NCBI Accession: [NP\\_036225](#)

UniProt: [Q9Y6K8](#)

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

## Application Details

Application Notes: IHC 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.6 mg/mL

Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

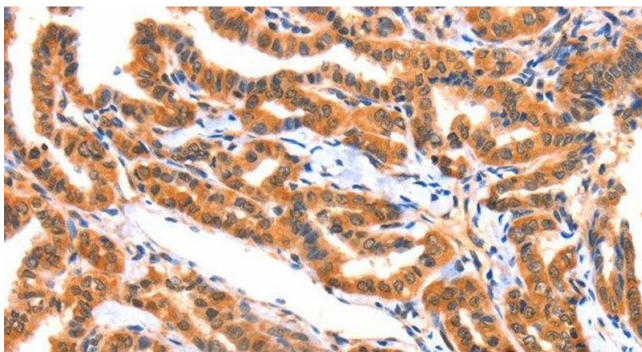
Preservative: Sodium azide

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

Storage: -20 °C

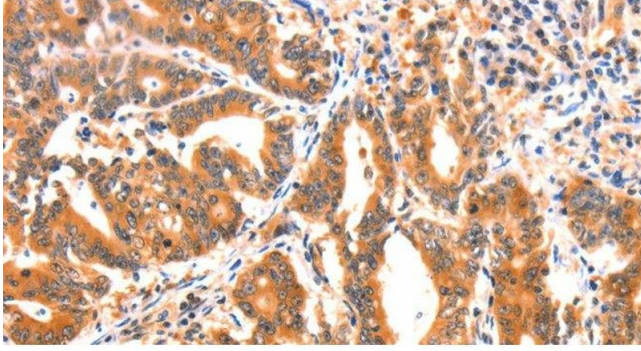
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using AK5 Polyclonal Antibody at dilution 1:60



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using AK5 Polyclonal Antibody at dilution 1:60