AK2 Antibody

PACO15702

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, WB:1:500-1:2000, IHC:1:50-1:200

Protein Background:

Adenylate kinases are involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. Three isozymes of adenylate kinase, namely 1, 2, and 3, have been identified in vertebrates; this gene encodes isozyme 2. Expression of these isozymes is tissue-specific and developmentally regulated. Isozyme 2 is localized in the mitochondrial intermembrane space and may play a role in apoptosis. Mutations in this gene are the cause of reticular dysgenesis. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 1 and 2.

Gene ID:

AK2

Uniprot

P54819

Synonyms:

adenylate kinase 2

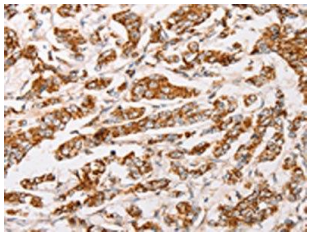
Immunogen:

Fusion protein of human AK2.

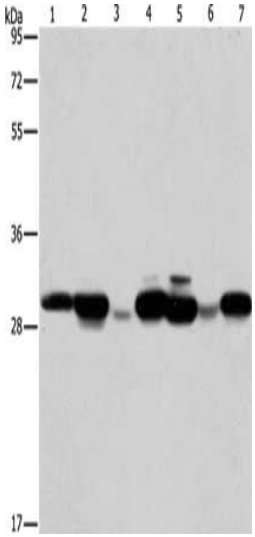
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

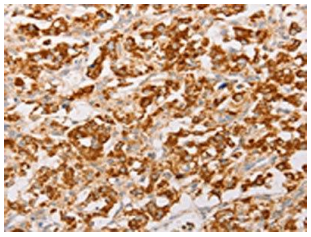
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using PACO15702(AK2 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 10%SDS-PAGE, Lysate: 40 μ g, Lane 1-7: Human placenta tissue, A549 cells, mouse brain tissue, hepG2 cells, Raji cells, human fetal liver tissue, hela cells, Primary antibody: PACO15702(AK2 Antibody) at dilution 1/250, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 20 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO15702(AK2 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).

