antibodies -online.com





anti-Adenylate Kinase 5 antibody (AA 150-370)

2 Images



Go to Product page

_					
U	V	er	VI	е	W

Quantity:	100 μL	
Target:	Adenylate Kinase 5 (AK5)	
Binding Specificity:	AA 150-370	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Adenylate Kinase 5 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)	

Product Details

Purpose:	AK5 Rabbit pAb	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 150-370 of human AK5 (NP_777283.1).	
Sequence:	LKIAERYGFQ YISVGELLRK KIHSTSSNRK WSLIAKIITT GELAPQETTI TEIKQKLMQI PDEEGIVIDG FPRDVAQALS FEDQICTPDL VVFLACANQR LKERLLKRAE QQGRPDDNVK ATQRRLMNFK QNAAPLVKYF QEKGLIMTFD ADRDEDEVFY DISMAVDNKL FPNKEAAAGS SDLDPSMILD TGEIIDTGSD YEDQGDDQLN VFGEDTMGGF M	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Polyclonal Antibodies	

Product Details Purification: Affinity purification **Target Details** Target: Adenylate Kinase 5 (AK5) AK5 (AK5 Products) Alternative Name 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 transcript variants encoding distinct isoforms have been identified for this gene.,AK5,AK6,Epigenetics & Nuclear Signaling,Cancer,Signal Transduction,Endocrine & Metabolism, Nucleotide metabolism, AK5 Molecular Weight: 21kDa/60kDa/63kDa Gene ID: 26289 UniProt: Q9Y6K8 Nucleotide Phosphorylation, Ribonucleoside Biosynthetic Process Pathways: **Application Details Application Notes:** WB,1:200 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200 Restrictions: For Research Use only Handling Format: Liquid Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Sodium azide

-20 °C

should be handled by trained staff only.

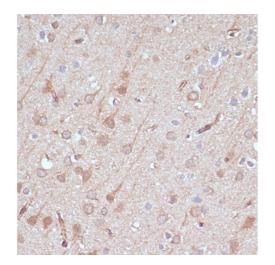
Store at -20°C. Avoid freeze / thaw cycles.

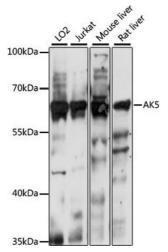
Preservative:

Storage:

Precaution of Use:

Storage Comment:





Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat brain using antibody (ABIN7265470) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using antibody (ABIN7265470) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.