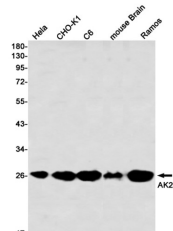


Recombinant AK2/Adenylate kinase 2 Monoclonal Antibody

catalog number: AN300118P

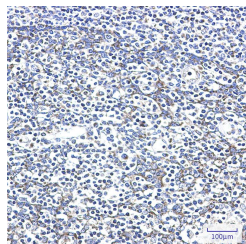
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human AK2 / Adenylate kinase 2 Protein
Host	Rabbit
Isotype	IgG
Clone	A1232
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS
Applications	
Recommended Dilution	
WB:	1:1000-1:5000; IHC-P: 1:100-1:200; ICC/IF: 1:200-1:500; IP: 1:10-1:100
Data	

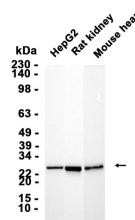


Western blot detection of AK2 in Hela,CHO-K1,C6,mouse Brain,Ramos using AK2 antibody(1:1000 diluted)

Observed-MW:27 kDa
Calculated-MW:27 kDa

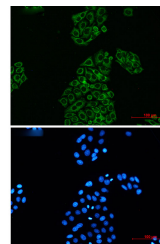


Immunohistochemical analysis of paraffin-embedded human tonsil .



Western blot analysis of extracts from HepG2 cells and Rat kidney, Mouse heart tissue at 1:1000.

Observed-MW:27 kDa
Calculated-MW:27 kDa



Immunofluorescent analysis of HeLa cells (green), and DAPI (blue).

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag
Background	

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Rev. V1.4

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.[provided by RefSeq, Nov 2010]