

AK5 Polyclonal Antibody

Catalog # AP68340

Specification

AK5 Polyclonal Antibody - Product Information

Application WB, IHC-P
Primary Accession Q9Y6K8
Reactivity Human, Mouse
Host Rabbit
Clonality Polyclonal

AK5 Polyclonal Antibody - Additional Information

Gene ID 26289

Other Names

AK5; Adenylate kinase isoenzyme 5; AK 5; ATP-AMP transphosphorylase 5

Dilution

WB $\sim\sim$ Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

AK5 Polyclonal Antibody - Protein Information

Name AK5

Function

Nucleoside monophosphate (NMP) kinase that catalyzes the reversible transfer of the terminal phosphate group between nucleoside triphosphates and monophosphates. Active on AMP and dAMP with ATP as a donor. When GTP is used as phosphate donor, the enzyme phosphorylates AMP, CMP, and to a small extent dCMP. Also displays broad nucleoside diphosphate kinase activity.

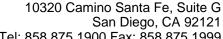
Cellular Location

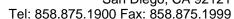
Cytoplasm.

Tissue Location

Brain specific..

AK5 Polyclonal Antibody - Protocols



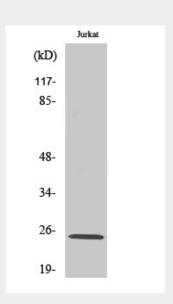




Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

AK5 Polyclonal Antibody - Images



Western Blot analysis of various cells using AK5 Polyclonal Antibody

AK5 Polyclonal Antibody - Background

Nucleoside monophosphate (NMP) kinase that catalyzes the reversible transfer of the terminal phosphate group between nucleoside triphosphates and monophosphates. Active on AMP and dAMP with ATP as a donor. When GTP is used as phosphate donor, the enzyme phosphorylates AMP, CMP, and to a small extent dCMP. Also displays broad nucleoside diphosphate kinase activity.