

AK5 Polyclonal Antibody

Catalog # AP68340

Product Information

ApplicationWB, IHC-PPrimary AccessionQ9Y6K8

Reactivity Human, Mouse

HostRabbitClonalityPolyclonalCalculated MW63333

Additional Information

Gene ID 26289

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

Dilution WB~~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

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.

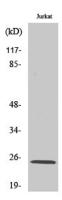
Cellular Location Cytoplasm.

Tissue Location Brain specific..

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.

Images



Western Blot analysis of various cells using AK5 Polyclonal Antibody

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