10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

AK5 Polyclonal Antibody

Catalog # AP68340

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9Y6K8
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63333

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 IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

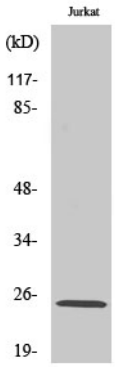
Name	AK5
Function	Nucleoside monophosphate (NMP) kinase that catalyzes the reversible transfer of the terminal phosphate group between nucleoside triphosphates and monophosphates. Active on AMP and dAMP with ATP as a donor. When GTP is used as phosphate donor, the enzyme phosphorylates AMP, CMP, and 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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.