

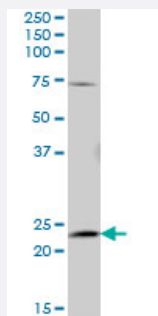
MaxPab®

AK5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00026289-B01P

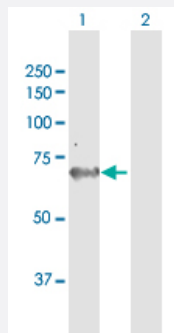
Size 50 ug

Applications



Western Blot (Tissue lysate)

AK5 MaxPab polyclonal antibody. Western Blot analysis of AK5 expression in rat brain.



Western Blot (Transfected lysate)

Western Blot analysis of AK5 expression in transfected 293T cell line ([H00026289-T01](#)) by AK5 MaxPab polyclonal antibody.

Lane 1: AK5 transfected lysate(58.96 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human AK5 protein.

Immunogen

AK5 (NP_036225.2, 1 a.a. ~ 536 a.a) full-length human protein.

Sequence	MCSKPEDPVEYLESCLQKVKELGCDKVKWDTFVSQEKKTLPLNGGQSRRSFLRNVMPE NFPYRRYDRLPPIHQFSIESDTDLSETAELIEEYVFDPTRPKILVIGGPGSGKGTQSLKIAERYG FQYISVGELLRKKIHSTSSNRKWSLIAKIITGELAPQETTITEIKQKLMQIPDEEGVIDGFPRDVAQAL SFEDQICTPDLVVFLACANQRLKERLLKRAEQQGRPDDNVKATQRRLMNFKQNAAPLVKYFQEK GLIMTFDADRDEDEVFYDISMAVDNKLFPNKEAAAGSSDLDPMSMILDTGEIIDTGSDYEDQGDDQL NVFGEDTMGGFMEDLRKCKIIFIIGGPGSGKGTQCEKLVEKYGFTHLSTGELLREELASESERSKLI RDIMERGDLVPSGMLELLKEAMVASLGDTRGFLIDGYPREVKQGEEFGRRIGDPQLVICMDCSAD TMTNRLLQRSRSSLPVDDTTKTIKRLEAYYRASIPVIAYYETKTQLHKINAEGTPEDVFLQLCTAIDSI F
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (91); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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Gene Info — AK5

Entrez GeneID	26289
GeneBank Accession#	NM_012093.2
Protein Accession#	NP_036225.2

Gene Name	AK5
Gene Alias	AK6, MGC33326
Gene Description	adenylate kinase 5
Omim ID	608009
Gene Ontology	Hyperlink
Gene Summary	<p>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. [provided by RefSeq]</p>
Other Designations	ATP-AMP transphosphorylase OTTHUMP00000011354 OTTHUMP00000011355 adenylate kinase 6

Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)

Disease

- [Tobacco Use Disorder](#)