

AK5 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00316
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human AK5. AA range:391-440
Mol wt	22087
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	AK5 Antibody
Synonyms	AK5; Adenylate kinase isoenzyme 5; AK 5; ATP-AMP transphosphorylase 5

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

AK5 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 (adenylate kinase 5) 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 AK5.

Recommended Dilution

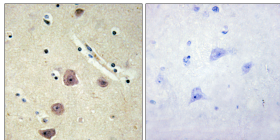
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using AK5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using AK5 Polyclonal Antibody

Storage

-20°C for one year

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