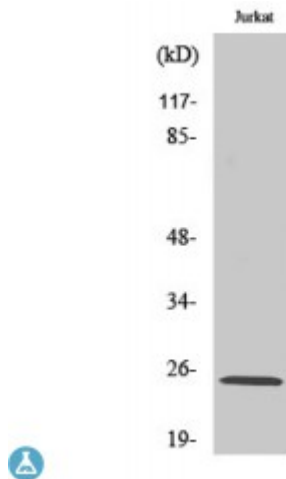


## Anti-AK5 antibody



|                           |                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Rabbit polyclonal to AK5.                                                                                             |
| <b>Model</b>              | STJ91522                                                                                                              |
| <b>Host</b>               | Rabbit                                                                                                                |
| <b>Reactivity</b>         | Human, Mouse                                                                                                          |
| <b>Applications</b>       | ELISA, IHC, WB                                                                                                        |
| <b>Immunogen</b>          | Synthesized peptide derived from human AK5                                                                            |
| <b>Immunogen Region</b>   | 360-440 aa, C-terminal                                                                                                |
| <b>Gene ID</b>            | <a href="#">26289</a>                                                                                                 |
| <b>Gene Symbol</b>        | <a href="#">AK5</a>                                                                                                   |
| <b>Dilution range</b>     | WB 1:500-1:2000IHC 1:100-1:300ELISA 1:5000                                                                            |
| <b>Specificity</b>        | AK5 Polyclonal Antibody detects endogenous levels of AK5 protein.                                                     |
| <b>Tissue Specificity</b> | Brain specific.                                                                                                       |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Note</b>               | For Research Use Only (RUO).                                                                                          |
| <b>Protein Name</b>       | Adenylate kinase isoenzyme 5 AK 5 ATP-AMP transphosphorylase 5                                                        |
| <b>Molecular Weight</b>   | 25 kDa                                                                                                                |
| <b>Clonality</b>          | Polyclonal                                                                                                            |
| <b>Conjugation</b>        | Unconjugated                                                                                                          |

|                              |                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Isotype</b>               | IgG                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Formulation</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                        |
| <b>Concentration</b>         | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage Instruction</b>   | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                           |
| <b>Database Links</b>        | <a href="#">HGNC:365OMIM:608009</a>                                                                                                                                                                                                                                                                                                                                            |
| <b>Alternative Names</b>     | Adenylate kinase isoenzyme 5 AK 5 ATP-AMP transphosphorylase 5                                                                                                                                                                                                                                                                                                                 |
| <b>Function</b>              | 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. |
| <b>Cellular Localization</b> | Cytoplasm                                                                                                                                                                                                                                                                                                                                                                      |

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