

For Research Use Only

AK7 Polyclonal antibody, PBS Only

Catalog Number:17332-1-PBS



Basic Information

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|---|--|--|
| Catalog Number: 17332-1-PBS | GenBank Accession Number: BC035256 | Purification Method: Antigen affinity purification |
| Concentration: 1 mg/ml | GeneID (NCBI): 122481 | |
| Source: Rabbit | UNIPROT ID: Q96M32 | |
| Isotype: IgG | Full Name: adenylate kinase 7 | |
| Immunogen Catalog Number: AG11358 | Calculated MW: 656 aa, 75 kDa | |
| | Observed MW: 83 kDa | |

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Background Information

AK7 (Adenylate kinase 7) is a nucleoside monophosphate (NMP) kinase that catalyzes the reversible transfer of the terminal phosphate group between nucleoside triphosphates and monophosphates. AK7 has the highest activity toward AMP, and weaker activity toward dAMP, CMP and dCMP. It also displays broad nucleoside diphosphate kinase activity and is involved in maintaining ciliary structure and function (PMID: 21080915; 23416111).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

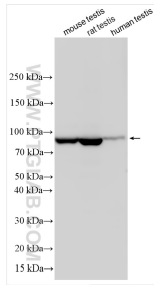
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E: Proteintech-CN@ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17332-1-AP (AK7 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17332-1-PBS in a different storage buffer formulation.