

For Research Use Only

AK7 Polyclonal antibody, PBS Only

Catalog Number:17332-1-PBS



Basic Information

Catalog Number:

17332-1-PBS

Size:

100ug , Concentration: 1 mg/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11358

GenBank Accession Number:

BC035256

GeneID (NCBI):

122481

UNIPROT ID:

Q96M32

Full Name:

adenylate kinase 7

Calculated MW:

656 aa, 75 kDa

Observed MW:

83 kDa

Purification Method:

Antigen affinity purification

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.

Storage Buffer:

PBS only, pH7.3

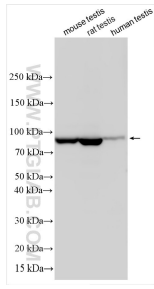
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Selected Validation Data



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.