

For Research Use Only

PHOSPHO2 Polyclonal antibody, PBS Only

Catalog Number: 11869-1-PBS



Basic Information

Catalog Number:

11869-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2451

GenBank Accession Number:

BC022324

GeneID (NCBI):

493911

UNIPROT ID:

Q8TCD6

Full Name:

phosphatase, orphan 2

Calculated MW:

241 aa, 28 kDa

Observed MW:

28 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

mouse, rat

Background Information

PHOSPHO2 belongs to the HAD-like hydrolase superfamily and PHOSPHO family. PHOSPHO2 is a phosphatase that has high activity toward pyridoxal 5'-phosphate (PLP). PHOSPHO2 is also active at much lower level toward pyrophosphate, phosphoethanolamine (PEA), phosphocholine (PCho), phospho-L-tyrosine, fructose-6-phosphate, p-nitrophenyl phosphate, and L-glycerophosphate. The molecular weight of PHOSPHO2 is 28 kDa.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

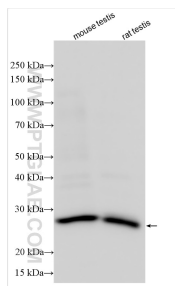
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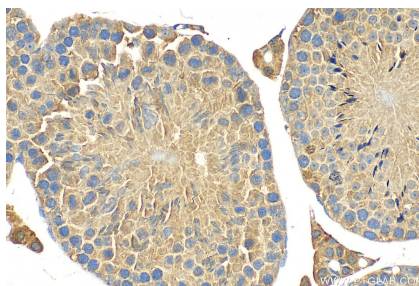
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W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11869-1-AP (PHOSPHO2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11869-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 11869-1-AP (PHOSPHO2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11869-1-PBS in a different storage buffer formulation.