

PHOSPHO2 Polyclonal antibody

Catalog Number: 11869-1-AP

Basic Information

Catalog Number: 11869-1-AP	GenBank Accession Number: BC022324	Purification Method: Antigen affinity purification
Size: 300 ug/ml	GeneID (NCBI): 493911	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8TCD6	
Isotype: IgG	Full Name: phosphatase, orphan 2	
Immunogen Catalog Number: AG2451	Calculated MW: 241 aa, 28 kDa Observed MW: 28 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: mouse, rat	WB : mouse testis tissue, rat testis tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse testis tissue,

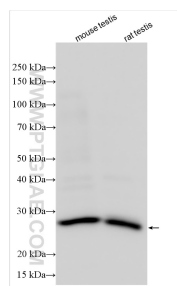
Background Information

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 h-glycerophosphate. The molecular weight of PHOSPHO2 is 28 kDa.

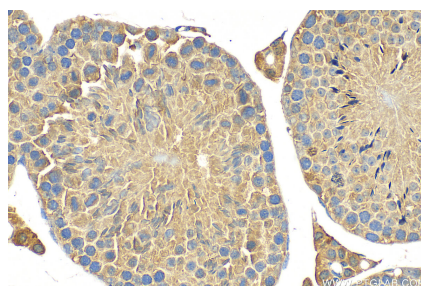
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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.



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).