

For Research Use Only

GLOD4 Polyclonal antibody

Catalog Number: 16788-1-AP

1 Publications



Basic Information

Catalog Number: 16788-1-AP	GenBank Accession Number: BC008605	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 180 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51031	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:20-1:200
Source: Rabbit	Full Name: glyoxalase domain containing 4	
Isotype: IgG	Calculated MW: 289 aa, 33 kDa	
Immunogen Catalog Number: AG10222	Observed MW: 35 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse, rat

Cited Species:

monkey

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse brain tissue, mouse kidney tissue, human placenta tissue, rat brain tissue

IHC : human heart tissue, mouse ovary tissue, human ovary tissue

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Hui He	24442187	Mol Biosyst	IHC

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

*** 20ul sizes contain 0.1% BSA

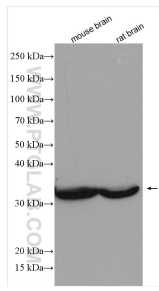
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

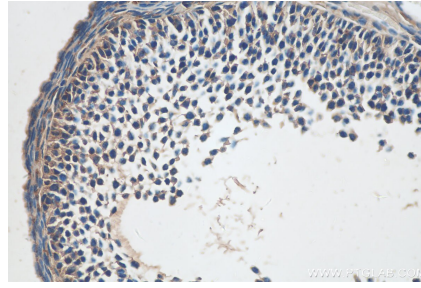
E: proteintech@ptglab.com
W: ptglab.com

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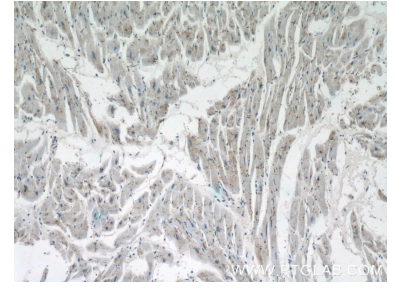
Selected Validation Data



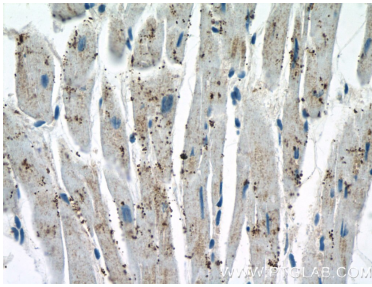
Various lysates were subjected to SDS PAGE followed by western blot with 16788-1-AP (GLOD4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



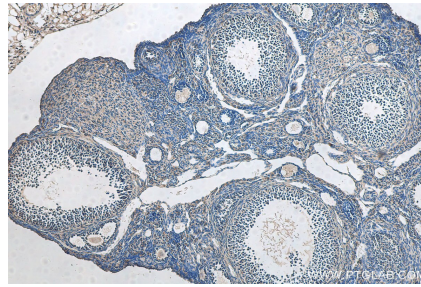
Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 16788-1-AP (GLOD4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 16788-1-AP (GLOD4 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 16788-1-AP (GLOD4 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 16788-1-AP (GLOD4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).