

For Research Use Only

# PPARD Polyclonal antibody

Catalog Number: 10156-2-AP **23 Publications**



## Basic Information

<b>Catalog Number:</b> 10156-2-AP	<b>GenBank Accession Number:</b> BC002715	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 153 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5467	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:10-1:100
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q03181	
<b>Isotype:</b> IgG	<b>Full Name:</b> peroxisome proliferator-activated receptor delta	
<b>Immunogen Catalog Number:</b> AG0208	<b>Calculated MW:</b> 50 kDa	
	<b>Observed MW:</b> 54 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB, IF, IHC	WB : mouse heart tissue, mouse skeletal muscle tissue, COLO 320 cells
<b>Species Specificity:</b> human, mouse, rat	IHC : human ovary tumor tissue,
<b>Cited Species:</b> human, rat, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Peroxisome proliferator-activator receptor delta (PPARD), a ligand-activated transcription factor, belongs to the PPARs family, which get its name for their chemicals that induce proliferation of peroxisomes, organelles that contribute to the oxidation of fatty acids. PPARD is a receptor for peroxisome proliferator and once activated by a ligand, it binds to and activates the promoter elements of target genes, such as acylCoA oxidase gene. But it acts as a repressor for the NPC1L1 gene.

## Notable Publications

Author	Pubmed ID	Journal	Application
Juan Ji	36142731	Int J Mol Sci	WB
Juan Ji	27789312	Neuropharmacology	WB
Yaqiong Zhang	27815817	Neurotox Res	WB

## Storage

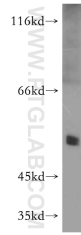
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

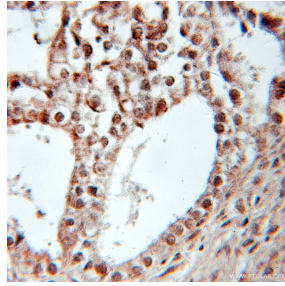
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 10156-2-AP (PPARD antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 10156-2-AP (PPARD antibody) at dilution of 1:10 (under 10x lens).