

# PPARD Polyclonal antibody

Catalog Number: 10156-2-AP

23 Publications

## Basic Information

## Catalog Number:

10156-2-AP

## Size:

450 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG0208

## GenBank Accession Number:

BC002715

## GeneID (NCBI):

5467

## UNIPROT ID:

Q03181

## Full Name:

peroxisome proliferator-activated  
receptor delta

## Calculated MW:

50 kDa

## Observed MW:

54 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:1000

IHC 1:10-1:100

## Applications

## Tested Applications:

IHC, WB, ELISA

## Cited Applications:

IF, IHC, WB

## Species Specificity:

human, mouse, rat

## Cited Species:

human, rat, mouse

**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 heart tissue, mouse skeletal muscle tissue,  
COLO 320 cells

IHC : human ovary tumor tissue,

## 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

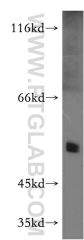
For technical support and original validation data for this product please contact:

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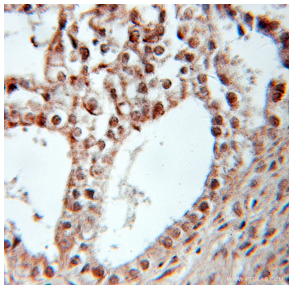
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## Selected Validation Data



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).