

**PPAR Delta mouse Monoclonal Antibody(1D7)**  
Catalog # AP63725**Specification****PPAR Delta mouse Monoclonal Antibody(1D7) - Product Information**

Application	IHC
Primary Accession	<a href="#">Q03181</a>
Reactivity	Human, Rat, Mouse
Host	Mouse
Clonality	Monoclonal

**PPAR Delta mouse Monoclonal Antibody(1D7) - Additional Information****Gene ID** 5467**Other Names**

Peroxisome proliferator-activated receptor delta (PPAR-delta) (NUC1) (Nuclear hormone receptor 1) (NUC1) (Nuclear receptor subfamily 1 group C member 2) (Peroxisome proliferator-activated receptor beta) (PPAR-beta)

**Dilution**

IHC~~IHC 1:100-200

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**PPAR Delta mouse Monoclonal Antibody(1D7) - Protein Information****Name** PPARD ([HGNC:9235](#))**Synonyms** NR1C2, PPARB**Function**

Ligand-activated transcription factor key mediator of energy metabolism in adipose tissues (PubMed:<a href="http://www.uniprot.org/citations/35675826" target="\_blank">35675826</a>). Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Has a preference for poly-unsaturated fatty acids, such as gamma- linoleic acid and eicosapentanoic acid. Once activated by a ligand, the receptor binds to promoter elements of target genes. Regulates the peroxisomal beta-oxidation pathway of fatty acids. Functions as transcription activator for the acyl-CoA oxidase gene. Decreases expression of NPC1L1 once activated by a ligand.

**Cellular Location**

Nucleus.

### Tissue Location

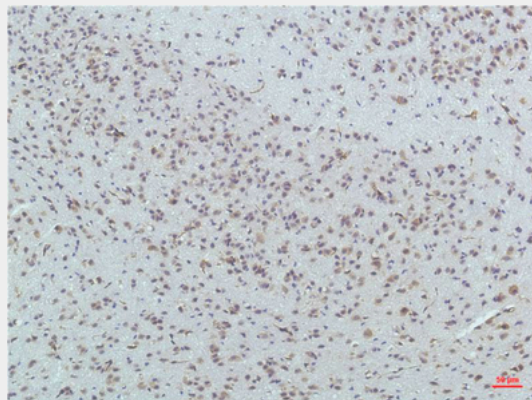
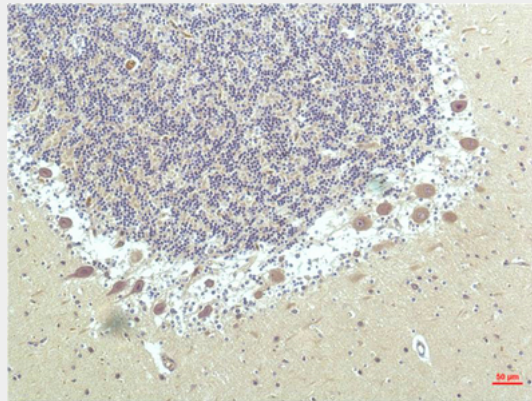
Ubiquitous with maximal levels in placenta and skeletal muscle

### PPAR Delta mouse Monoclonal Antibody(1D7) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### PPAR Delta mouse Monoclonal Antibody(1D7) - Images



### PPAR Delta mouse Monoclonal Antibody(1D7) - Background

Ligand-activated transcription factor. Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Has a preference for poly-unsaturated fatty acids, such as gamma-linoleic acid and eicosapentanoic acid. Once activated by a ligand, the receptor binds to promoter elements of target genes. Regulates the peroxisomal beta-oxidation pathway of fatty

acids. Functions as transcription activator for the acyl-CoA oxidase gene. Decreases expression of NPC1L1 once activated by a ligand.