

PPAR Delta mouse Monoclonal Antibody(2F9)
Catalog # AP63723**Specification****PPAR Delta mouse Monoclonal Antibody(2F9) - Product Information**

Application	IF
Primary Accession	Q03181
Reactivity	Human, Rat, Mouse
Host	Mouse
Clonality	Monoclonal

PPAR Delta mouse Monoclonal Antibody(2F9) - 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

IF~IF: 1:50-200 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(2F9) - Protein Information**Name** PPARΔ ([HGNC:9235](#))**Synonyms** NR1C2, PPARB**Function**

Ligand-activated transcription factor key mediator of energy metabolism in adipose tissues (PubMed: [35675826](http://www.uniprot.org/citations/35675826)). 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

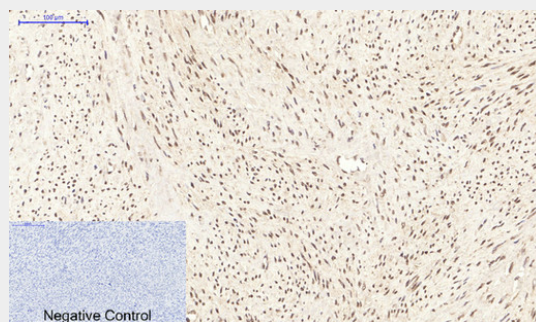
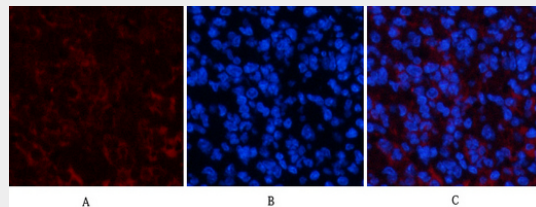
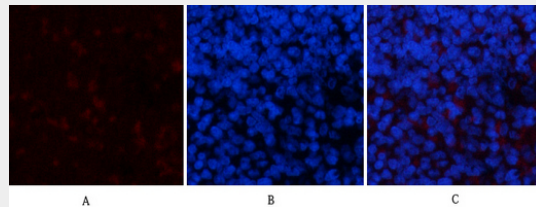
Ubiquitous with maximal levels in placenta and skeletal muscle

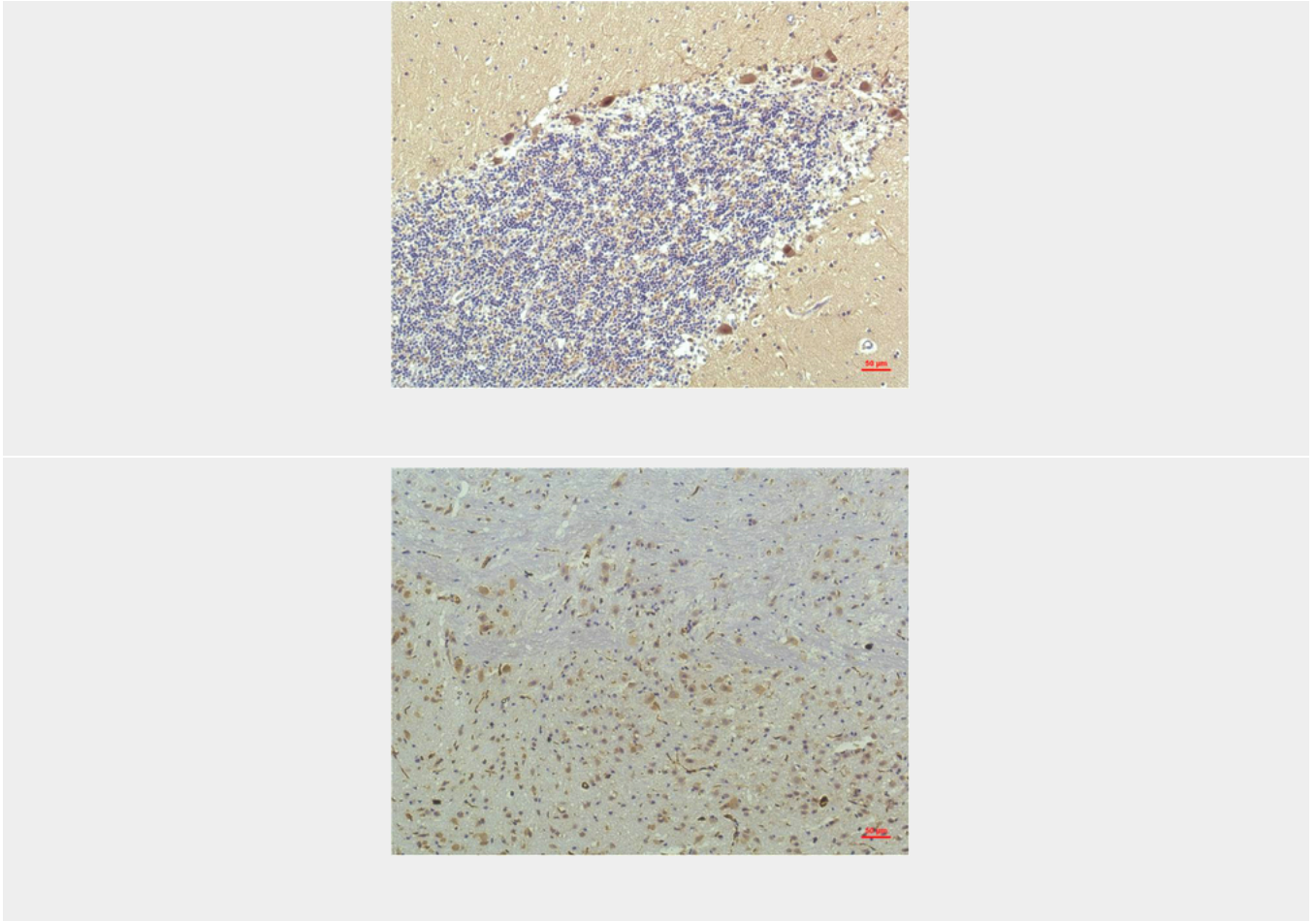
PPAR Delta mouse Monoclonal Antibody(2F9) - Protocols

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(2F9) - Images





PPAR Delta mouse Monoclonal Antibody(2F9) - 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.