

Anti-PPAR delta Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P106539

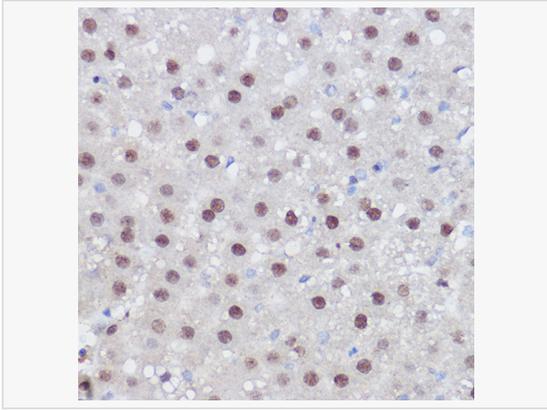
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 102-361 of human PPARD (NP_803184.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PPAR delta Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

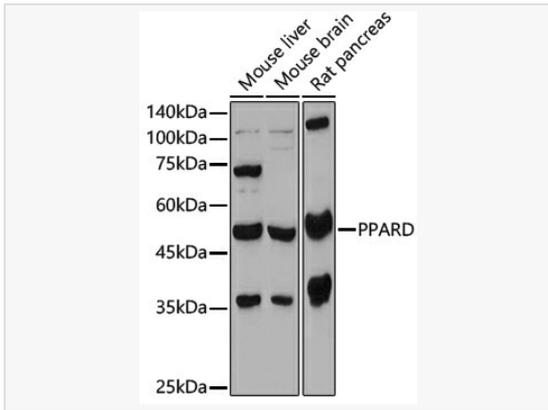
Protein Information

Synonyms	FAAR; NUC1; NUCI; NR1C2; NUCII; PPARB; PPARD.
Calculated MW	Calculated MW: 50 kDa; Observed MW: 54 kDa
Uniprot ID	Q03181
Gene ID	5467
Background	This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) family. The encoded protein is thought to function as an integrator of transcriptional repression and nuclear receptor signaling. It may inhibit the ligand-induced transcriptional activity of peroxisome proliferator activated receptors alpha and gamma, though evidence for this effect is inconsistent. Expression of this gene in colorectal cancer cells may be variable but is typically relatively low. Knockout studies in mice suggested a role for this protein in myelination of the corpus callosum, lipid metabolism, differentiation, and epidermal cell proliferation. Alternative splicing results in multiple transcript variants encoding distinct protein isoforms.

Validation Images



Immunohistochemistry analysis of paraffin-embedded Rat liver using PPARD Rabbit pAb (P106539) at dilution of 1:100 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Western blot analysis of various lysates using PPARD Rabbit pAb (P106539) at 1:1,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit (SQ201).

Exposure time: 60s.