

Anti-PPAR delta/beta Polyclonal Antibody

Product Details

Ig Type: IgG
 Reactivity: Human, Mouse (predicted: Rat)
 Molecular Weight: Theoretical: 48 kDa. Actual: 53 kDa.
 Purification: Protein A purified

Applications

1. Sample:
 Lane 1: Mouse Placenta tissue lysates
 Lane 2: Mouse Testis tissue lysates
 Primary: Anti-PPAR delta + beta (TMAB-01566) at 1/200 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 48 kDa
 Observed band size: 53 kDa
 2. Blank control: A431. Primary Antibody (green line): Rabbit Anti-PPAR delta + beta antibody (TMAB-01566)
 Dilution: 1 µg/10⁶ cells;
 Isotype Control Antibody (orange line): Rabbit IgG.
 Secondary Antibody: Goat anti-rabbit IgG-AF647
 Dilution: 1 µg/test.

Verified Activity:

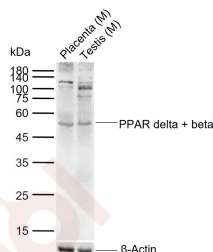
Protocol

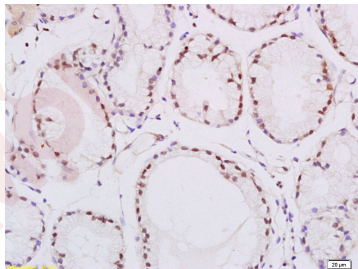
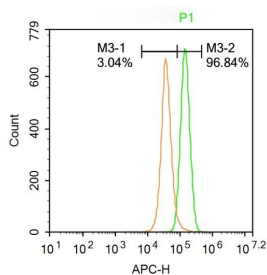
The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature.

3. Tissue/cell: Human esophageal carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;

Incubation: Anti-PPAR-delta Polyclonal Antibody, Unconjugated (TMAB-01566) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.





Application: FCM,IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 1ug/Test

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: mouse PPAR-delta

Antigen Species: Mouse

Gene ID: 19015

Uniprot ID: P35396

Synonyms: NUC1;PPAR-delta;Peroxisome proliferative activated receptor delta;Nuclear hormone receptor 1;NR1C2;PPAR beta;Nuclear receptor subfamily 1 group C member 2;NUC1;MGC3931;PPAR delta+beta;PPARB;NUCII;FAAR;Peroxisome proliferator-activated receptor beta;PPARD; Peroxisome proliferator-activated receptor beta(PPAR-beta)

Biology Area: Cardiac metabolism,Zinc Finger,Fatty acids,Obesity

Research Background

Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, the receptor binds to a promoter element in the gene for acyl-CoA oxidase and activates its transcription. It therefore controls the peroxisomal beta-oxidation pathway of fatty acids. Heterodimer with the retinoid X receptor. Subcellular located at nuclear Tissue specificity: Heart, adrenal and intestine. Belongs to the nuclear hormone receptor family. NR1 subfamily. It Contains 1 nuclear receptor DNA-binding domain.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481