bs-0250R **[Primary Antibody]**

PPAR delta + beta Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 19015 **SWISS:** P35396

Target: PPAR delta + beta

Immunogen: KLH conjugated synthetic peptide derived from mouse PPAR-delta: 2-100/440.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

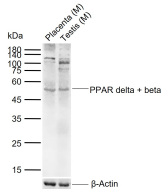
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (1ug/Test)

Reactivity: Human, Mouse (predicted: Rat)

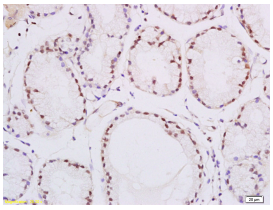
Predicted MW.: 48 kDa

Subcellular Location: Nucleus

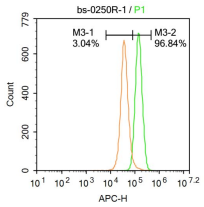
VALIDATION IMAGES



Sample: Lane 1: Mouse Placenta tissue lysates Lane 2: Mouse Testis tissue lysates Primary: Anti-PPAR delta + beta (bs-0250R) at 1/200 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kDa Observed band size: 53 kDa



Tissue/cell: Human esophageal carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-PPAR-delta Polyclonal Antibody, Unconjugated(bs-0250R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Blank control: A431. Primary Antibody (green line): Rabbit Anti-PPAR delta + beta antibody (bs-0250R) Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF647 Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min 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 at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

SELECTED CITATIONS

- **[IF=4.398]** Xiaoyu Qu. et al. Integration of metabolomics and proteomics analysis to explore the mechanism of neurotoxicity induced by receipt of isoniazid and rifampicin in mice. NEUROTOXICOLOGY. 2023 Jan;94:24 IHC ;Mouse. 36347327

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.