10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NR1D1 Recombinant Rabbit mAb

Catalog # AP96576

Product Information

Application	WB, IHC-P, IHC-F, IF
Reactivity	Human
Predicted	Rat, Mouse
Host	Rabbit
Clonality	Recombinant
Calculated MW	67 KDa
Physical State	Liquid
Immunogen	Recombinant human NR1D1 protein
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.02% Proclin300.
SIMILARITY	Belongs to the nuclear hormone receptor family. NR1 subfamily.Contains 1 nuclear receptor DNA-binding domain.
SUBUNIT	Interacts with C1D and NR2E3. Interacts with SP1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	NR1D1, a NR1 Thyroid Hormone-Like Receptor, is encoded by the same genomic locus as, but transcribed from the opposite strand of, Thyroid Hormone Receptor Alpha (TR Alpha). NR1D1 is a target of Nuclear Receptor ROR Alpha and a transcription regulator that has been shown to affect myocyte differentiation, adipogenesis, and lipoprotein metabolism. Mice lacking NR1D1 show abnormal postnatal cerebellar development. NR1D1 expression has been documented in human skeletal muscle and a variety of mouse and rat tissues. ESTs have been isolated from human tissue libraries, including cancerous adrenal, blood, brain, breast, colon, duodenum, fetus, head/neck, kidney, lung, skeletal muscle, skin, synovium, uterus, normal brain, breast, colon, eye, heart, pancreas, pituitary, prostate, skeletal muscle, skin, testis and thyroid.

Additional Information

Gene ID	9572
Other Names	EAR1; REVERBA; REVERBalpha; THRA1; THRAL; ear-1; hRev; nuclear receptor subfamily 1 group D member 1; nuclear receptor subfamily 1, group D, member 1
Dilution	WB=1:500-1000,IHC-P=1:100-500,IHC-F=1:400-800,IF=1:100-500,Flow-Cyt=1:50-100
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Name	NR1D1 Recombinant Rabbit mAb
Function	Functions as a constitutive transcriptional repressor. In collaboration with SP1, activates GJA1 transcription. Possible receptor for triiodothyronine.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.