

Datasheet for ABIN1396171
anti-NR1D1 antibody (AbBy Fluor® 647)



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Overview

Quantity:	100 µL
Target:	NR1D1
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR1D1 antibody is conjugated to AbBy Fluor® 647
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NR1D1
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	NR1D1
Alternative Name:	NR1D1 (NR1D1 Products)
Background:	Synonyms: EAR-1, EAR1, ERBA-RELATED 1, hRev, Nr1d1, NR1D1_HUMAN, Nuclear Receptor Rev-ErbA Alpha, Nuclear receptor subfamily 1 group D member 1, Orphan nuclear receptor NR1D1, Rev erbAalpha, Rev erbalph, Rev-erbA-alpha, Rev-ErbAalpha, REV-ERBalpha, THRA1, THRAL, Thyroid hormone receptor alpha-like, Thyroid hormone receptor, alpha like, V-erbA

Target Details

related protein EAR-1, V-erbA-related protein 1.

Background: 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.

Molecular Weight:	68kDa
Gene ID:	9572
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Cellular Response to Molecule of Bacterial Origin , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	IF(IHC-P)(1:100-500) Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months