



NR1D2 Polyclonal Antibody

Catalog No	YP-Ab-07073
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	NR1D2
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	NR1D2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BD73;EAR 1R;EAR-1R;Rev erb beta;Rev-erb alpha-related receptor;NR1D2; Nuclear receptor subfamily 1 group D member 2 (Orphan nuclear hormone receptor BD73) (Rev-erb-beta) (V-erbA-related protein 1-related) (EAR-1R)
Observed Band	70 kDa
Calculated Molecular Weight	579 aa, 65 kDa
Cell Pathway	Nucleus . Cytoplasm . Phosphorylation by CSNK1E enhances its cytoplasmic localization. .
Tissue Specificity	Widely expressed. Expressed at high levels in the liver, adipose tissue, skeletal muscle and brain. Expression oscillates diurnally in the suprachiasmatic nucleus (SCN) of the hypothalamus as well as in peripheral tissues.
Function	function: Binds to the sequences 5'-AATGTAGGTCA-3' and 5'-ATAACTAGGTCA-3'. Acts as a potent competitive repressor of ROR alpha function., similarity: Belongs to the nuclear hormone receptor family., similarity: Belongs to the nuclear hormone receptor family. NR1 subfamily., similarity: Contains 1 nuclear receptor DNA-binding domain., subunit: Interacts with NCOA5 coactivator, leading to a strong increase of transcription of target genes.,

Background

This gene encodes a member of the nuclear hormone receptor family, specifically the NR1 subfamily of receptors. The encoded protein functions as a transcriptional repressor and may play a role in circadian rhythms and carbohydrate and lipid metabolism. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2009],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images