



# NR1D2 Polyclonal Antibody

<b>Catalog No</b>	BYab-07073
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	NR1D2
<b>Protein Name</b>	Nuclear receptor subfamily 1 group D member 2 (Orphan nuclear hormone receptor BD73) (Rev-erb-beta) (V-erbA-related protein 1-related) (EAR-1R)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	NR1D2 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	63kD
<b>Cell Pathway</b>	Nucleus . Cytoplasm . Phosphorylation by CSNK1E enhances its cytoplasmic localization. .
<b>Tissue Specificity</b>	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.
<b>Function</b>	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. 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.,
<b>Background</b>	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

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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**