

Datasheet for ABIN745553

anti-NR1D1 antibody (pSer55, pSer59)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	NR1D1
Binding Specificity:	pSer55, pSer59
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR1D1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human REV-ERB alpha around the phosphorylation site of Ser55/59
Isotype:	IgG
Specificity:	These phosphorylation sites are homologous among the listed cross-reactive species.
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Sheep
Purification:	Purified by Protein A.

Target Details

Target:	NR1D1
Alternative Name:	NR1D1 + (NR1D1 Products)
Background:	<p>Synonyms: EAR1, hRev, THRA1, THRAL, ear-1, Nuclear receptor subfamily 1 group D member 1, Rev-erbA-alpha, V-erbA-related protein 1, NR1D1</p> <p>Background: This gene encodes a transcription factor that is a member of the nuclear receptor subfamily 1. The encoded protein is a ligand-sensitive transcription factor that negatively regulates the expression of core clock proteins. In particular this protein represses the circadian clock transcription factor aryl hydrocarbon receptor nuclear translocator-like protein 1 (ARNTL). This protein may also be involved in regulating genes that function in metabolic, inflammatory and cardiovascular processes. [provided by RefSeq, Jan 2013]</p>
Gene ID:	9572
UniProt:	P20393
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:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

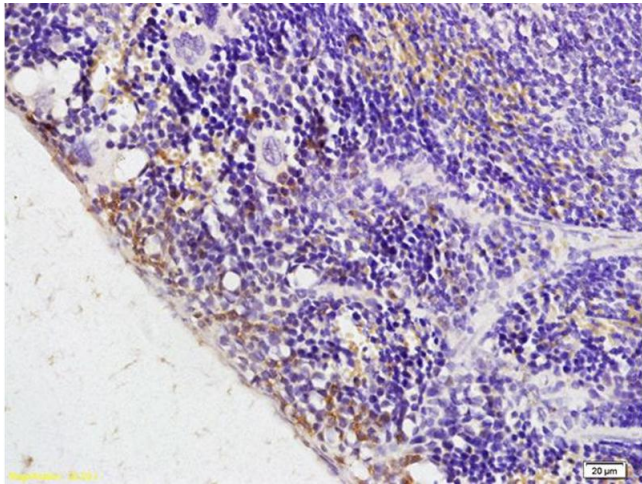
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat spleen tissue labeled with Anti-Phospho-NR1D1(Ser55/59) Polyclonal Antibody, Unconjugated (ABIN745553) at 1:200 followed by conjugation to the secondary antibody and DAB staining