

Datasheet for ABIN7260007

anti-NR1I3 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	NR1I3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR1I3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human NR1I3 (NP_001070948.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	NR1I3
Alternative Name:	NR1I3 (NR1I3 Products)
Background:	This gene encodes a member of the nuclear receptor superfamily, and is a key regulator of xenobiotic and endobiotic metabolism. The protein binds to DNA as a monomer or a heterodimer with the retinoid X receptor and regulates the transcription of target genes involved in drug metabolism and bilirubin clearance, such as cytochrome P450 family members. Unlike

Target Details

most nuclear receptors, this transcriptional regulator is constitutively active in the absence of ligand but is regulated by both agonists and inverse agonists. Ligand binding results in translocation of this protein to the nucleus, where it activates or represses target gene transcription. These ligands include bilirubin, a variety of foreign compounds, steroid hormones, and prescription drugs. Multiple transcript variants encoding different isoforms have been found for this gene.

Molecular Weight:	Observed_MW: 45 kDa Calculated_MW: 30-40 kDa
-------------------	---

Gene ID:	9970
----------	------

UniProt:	Q14994
----------	------------------------

Pathways:	Nuclear Receptor Transcription Pathway , Intracellular Steroid Hormone Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway
-----------	--

Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:200
--------------------	-------------------------------

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Concentration:	1 mg/mL
----------------	---------

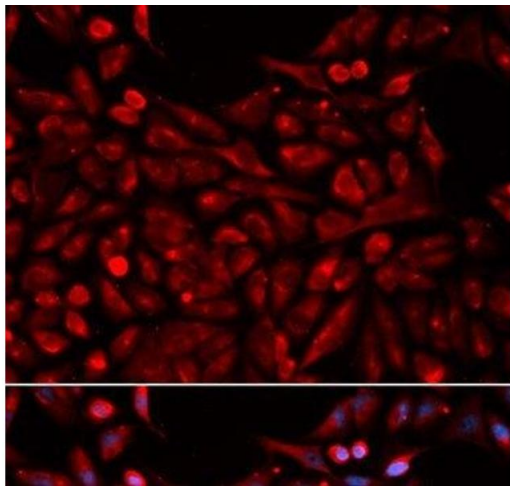
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
---------	---

Preservative:	Sodium azide
---------------	--------------

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
--------------------	--

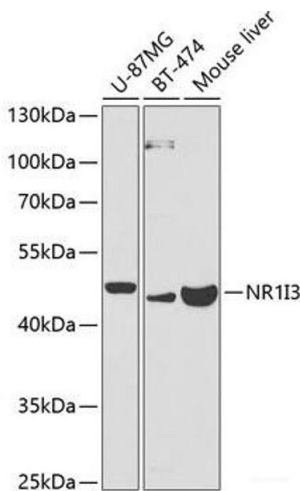
Storage:	-20 °C
----------	--------

Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
------------------	---



Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using NR1I3 Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using NR1I3 Polyclonal Antibody at dilution of 1:1000.