

NR1I3 Antibody

Catalog No: #32527



Package Size: #32527-1 50ul #32527-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

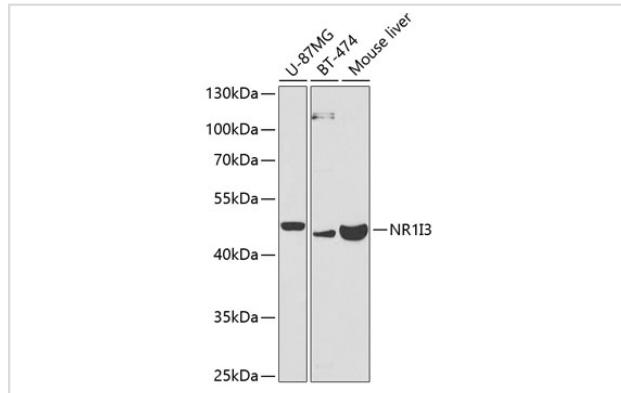
Description

Product Name	NR1I3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB, IF
Species Reactivity	Human; Mouse; Rat
Specificity	The antibody detects endogenous level of total NR1I3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human NR1I3.
Conjugates	Unconjugated
Target Name	NR1I3
Other Names	CAR; CAR1; MB67;
Accession No.	Swiss-Prot: Q14994 NCBI Gene ID: 9970
SDS-PAGE MW	39KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

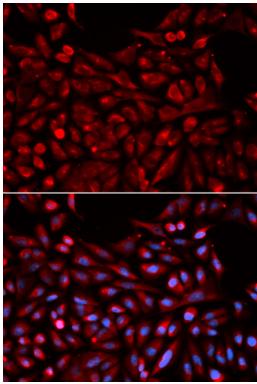
Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using NR1I3 antibody at 1:1000 dilution.



Immunofluorescence analysis of U2OS cells using NR1I3 antibody. Blue: DAPI for nuclear staining.

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 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

Note: This product is for in vitro research use only and is not intended for use in humans or animals.