## **Elabscience**®

## **NR1I3 Polyclonal Antibody**

## catalog number: E-AB-60529

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description			
Reactivity	Human;Mouse;Rat		
Immunogen	Recombinant fusion protein	of human NR1I3 (NP_001070948.1).	
Host	Rabbit		
Isotype	IgG		
Purification	Affinity purification	Affinity purification	
Buffer	Phosphate buffered solution	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.	
Applications	<b>Recommended Dilutio</b>	n	
WB	1:500-1:2000		
IF	1:50-1:200		
Data			
Western blot analysis	130/Da- 130/Da- 100	mmunofluorescence analysis of U2OS cells using NR1I3	
NR113 Polyclonal Antibody at dilution of 1:1000.		Polyclonal Antibody	

**Observed-MW:45 kDa** 

Calculated-MW:30-40 kDa

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

## 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.

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