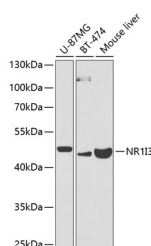


## NR1I3 Polyclonal Antibody

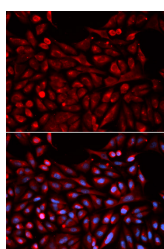
|                     |   |                   |        |
|---------------------|---|-------------------|--------|
| <b>Catalog No.</b>  | E-AB-60529                                  | <b>Reactivity</b> | H,M,R  |
| <b>Storage</b>      | Store at -20°C. Avoid freeze / thaw cycles. | <b>Host</b>       | Rabbit |
| <b>Applications</b> | WB,IF                                       | <b>Isotype</b>    | IgG    |

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

### Images



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



Immunofluorescence analysis of U2OS cells using NR1I3 Polyclonal Antibody

### Immunogen Information

|                  |   |
|------------------|---|
| <b>Immunogen</b> | Recombinant fusion protein of human NR1I3 (NP_001070948.1). |
| <b>GeneID</b>    | 9970  |
| <b>Swissprot</b> | Q14994  |
| <b>Synonyms</b>  | NR1I3,CAR,CAR1,NR1I3  |

### Product Information

|                      |   |
|----------------------|---|
| <b>Calculated MW</b> | 30-40kDa  |
| <b>Observed MW</b>   | 45kDa   |
| <b>Buffer</b>        | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| <b>Purify</b>        | Affinity purification                             |
| <b>Dilution</b>      | WB 1:500-1:2000 IF 1:50-1:200                     |

### 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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.