

## Anti-NR1I3 antibody

<b>Cat. No.</b>	ml224624
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-NR1I3 rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Fusion protein of human NR1I3
<b>Reactivity</b>	Human
<b>Content</b>	0.54 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	NR1I3
<b>Full name</b>	nuclear receptor subfamily 1 group I member 3
<b>Synonyms</b>	CAR; CAR1; MB67
<b>Swissprot</b>	Q14994

### Target 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.

订购热线: 4008-898-798

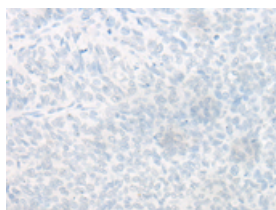
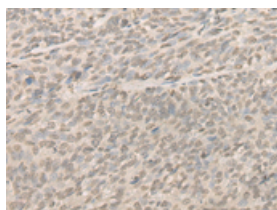
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human ovarian cancer

Recommended dilution: 25-100

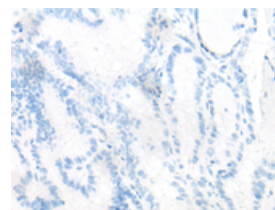
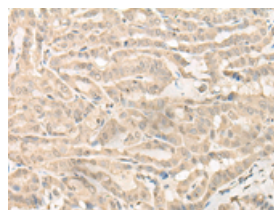


The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml224624(NR1I3 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human thyroid cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml224624(NR1I3 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### ELISA

Recommended dilution: 5000-10000

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