

**Anti-RIP140 Antibody**  
Catalog # ABO12772**Specification**

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**Anti-RIP140 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P48552</a>
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for Nuclear receptor-interacting protein 1(NRIP1) detection. Tested with WB in Human;Mouse;Rat.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-RIP140 Antibody - Additional Information**

**Gene ID** 8204

**Other Names**

Nuclear receptor-interacting protein 1, Nuclear factor RIP140, Receptor-interacting protein 140, NRIP1

**Calculated MW**

126942 MW KDa

**Application Details**

Western blot, 0.1-0.5 µg/ml, Mouse, Rat, Human<br>

**Subcellular Localization**

Nucleus . Localized to discrete foci and redistributes to larger nuclear domains upon binding to ligand- bound NR3C1.

**Protein Name**

Nuclear receptor-interacting protein 1

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Na<sub>3</sub>.

**Immunogen**

A synthetic peptide corresponding to a sequence at the N-terminus of human RIP140 (273-306aa EAHLQQYSREHALKTKQANANQAASERLAAMARLQE), different from the related mouse sequence by two amino acids.

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins

**Storage**

**At -20°C for one year. After r°Constitution, at 4°C for one month. It°Can also be aliquotted and stored frozen at -20°C for a longer time.Avoid repeated freezing and thawing.**

**Anti-RIP140 Antibody - Protein Information**

**Name** NRIP1

**Function**

Modulates transcriptional activation by steroid receptors such as NR3C1, NR3C2 and ESR1. Also modulates transcriptional repression by nuclear hormone receptors. Positive regulator of the circadian clock gene expression: stimulates transcription of BMAL1, CLOCK and CRY1 by acting as a coactivator for RORA and RORC. Involved in the regulation of ovarian function (By similarity). Plays a role in renal development (PubMed:<a href="http://www.uniprot.org/citations/28381549" target="\_blank">28381549</a>).

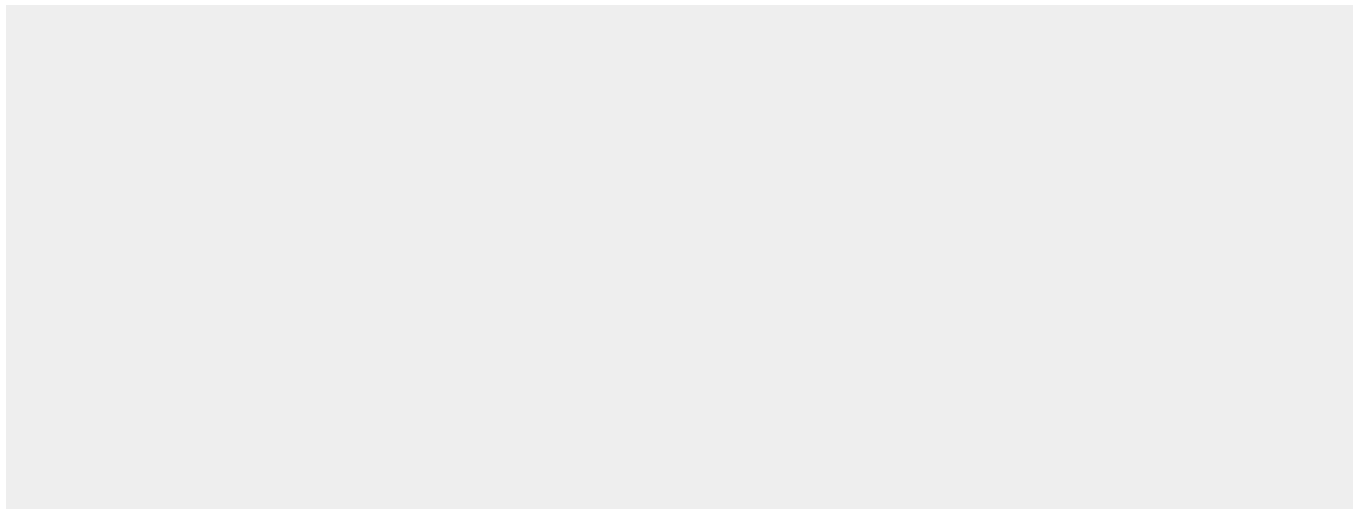
**Cellular Location**

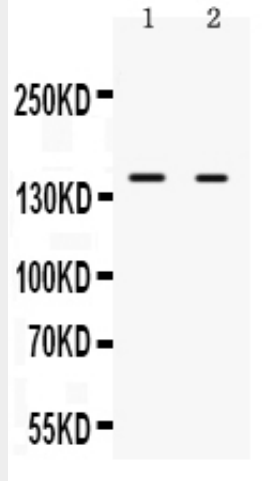
Nucleus. Note=Localized to discrete foci and redistributes to larger nuclear domains upon binding to ligand-bound NR3C1

**Anti-RIP140 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-RIP140 Antibody - Images**



Anti- RIP140 antibody, ABO12772, Western blotting All lanes: Anti RIP140 (ABO12772) at 0.5ug/ml Lane 1: Rat Liver Tissue Lysate at 50ug Lane 2: Mouse Liver Tissue Lysate at 50ug Predicted bind size: 127KD Observed bind size: 150KD

#### **Anti-RIP140 Antibody - Background**

Nuclear receptor-interacting protein 1 (NRIP1), also known as receptor-interacting protein 140 (RIP140), is a protein that in humans is encoded by the NRIP1 gene. It is a nuclear protein that specifically interacts with the hormone-dependent activation domain AF2 of nuclear receptors. Also known as RIP140, this protein is a key regulator which modulates transcriptional activity of a variety of transcription factors, including the estrogen receptor. RIP140 has an important role in regulating lipid and glucose metabolism, and regulates gene expression in metabolic tissues including heart, skeletal muscle, and liver. A major role for RIP140 in adipose tissue is to block the expression of genes involved in energy dissipation and mitochondrial uncoupling, including uncoupling protein 1 and carnitine palmitoyltransferase 1b.