

Goat Anti-RIP140 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1931a

Specification

Goat Anti-RIP140 Antibody - Product Information

Application	WB
Primary Accession	P48552
Other Accession	NP_003480 , 8204 , 268903 (mouse) , 304157 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	126942

Goat Anti-RIP140 Antibody - Additional Information

Gene ID 8204

Other Names

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

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-RIP140 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat 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:28381549).

Cellular Location

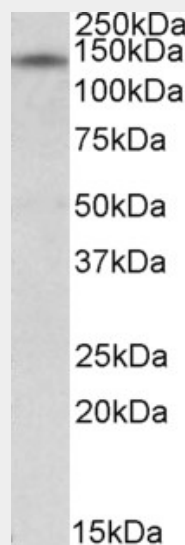
Nucleus. Note=Localized to discrete foci and redistributes to larger nuclear domains upon binding to ligand-bound NR3C1

Goat 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](#)

Goat Anti-RIP140 Antibody - Images



AF1931a (0.5 µg/ml) staining of Human Cerebellum lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-RIP140 Antibody - Background

Nuclear receptor interacting protein 1 (NRIP1) is a nuclear protein that specifically interacts with the hormone-dependent activation domain AF2 of nuclear receptors. Also known as RIP140, this protein modulates transcriptional activity of the estrogen receptor.

Goat Anti-RIP140 Antibody - References

A Large-scale genetic association study of esophageal adenocarcinoma risk. Liu CY, et al. Carcinogenesis, 2010 Jul. PMID 20453000.
The transcriptional coregulator RIP140 represses E2F1 activity and discriminates breast cancer subtypes. Docquier A, et al. Clin Cancer Res, 2010 Jun 1. PMID 20410059.

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.

Down-regulation of PROS1 gene expression by 17beta-estradiol via estrogen receptor alpha (ERalpha)-Sp1 interaction recruiting receptor-interacting protein 140 and the corepressor-HDAC3 complex. Suzuki A, et al. J Biol Chem, 2010 Apr 30. PMID 20200160.

Elevated expression of the metabolic regulator receptor-interacting protein 140 results in cardiac hypertrophy and impaired cardiac function. Fritah A, et al. Cardiovasc Res, 2010 Jun 1. PMID 20083575.