

Anti-NR2F2 Picoband Antibody
Catalog # ABO12415**Specification**

Anti-NR2F2 Picoband Antibody - Product Information

Application	WB
Primary Accession	P24468
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for COUP transcription factor 2(NR2F2) detection. Tested with WB in Human;Rat.

Reconstitution

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

Anti-NR2F2 Picoband Antibody - Additional Information

Gene ID 7026

Other Names

COUP transcription factor 2, COUP-TF2, Apolipoprotein A-I regulatory protein 1, ARP-1, COUP transcription factor II, COUP-TF II, Nuclear receptor subfamily 2 group F member 2, NR2F2, ARP1, TFCOUP2

Calculated MW

45571 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human, Rat

Subcellular Localization

Nucleus.

Tissue Specificity

Ubiquitous.

Protein Name

COUP transcription factor 2

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.

Immunogen

A synthetic peptide corresponding to a sequence at the N-terminus of human NR2F2 (1-26aa MAMVVSTWRDPQDEVPGSQSQASQA), identical to the related mouse and rat sequences.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C for one year. After reconstitution, 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-NR2F2 Picoband Antibody - Protein Information

Name NR2F2

Synonyms ARP1, TFCOUP2

Function

Ligand-activated transcription factor. Activated by high concentrations of 9-cis-retinoic acid and all-trans-retinoic acid, but not by dexamethasone, cortisol or progesterone (in vitro). Regulation of the apolipoprotein A-I gene transcription. Binds to DNA site A. May be required to establish ovary identity during early gonad development (PubMed:29478779).

Cellular Location

Nucleus.

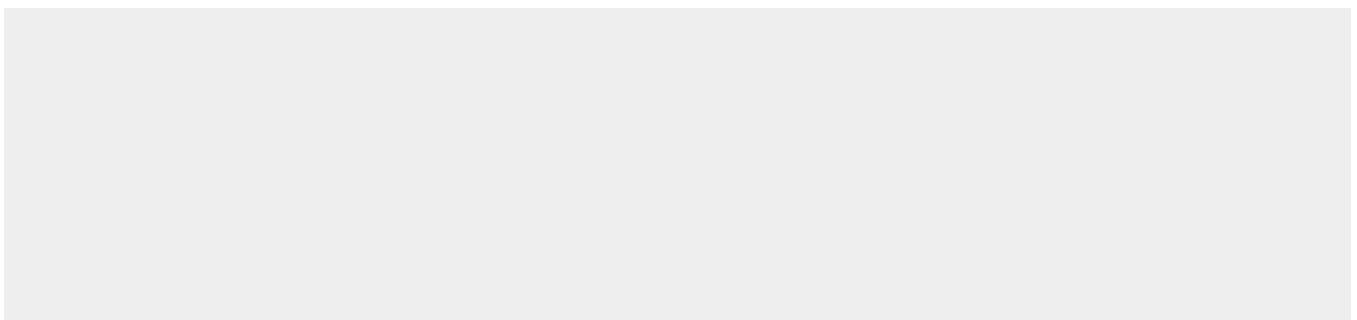
Tissue Location

Ubiquitous. Expressed in the stromal cells of developing fetal ovaries (PubMed:29478779)

Anti-NR2F2 Picoband 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-NR2F2 Picoband Antibody - Images



Anti- NR2F2 Picoband antibody, ABO12415, Western blotting All lanes: Anti NR2F2 (ABO12415) at 0.5ug/ml
Lane 1: Rat Liver Tissue Lysate at 50ug
Lane 2: HELA Whole Cell Lysate at 40ug
Lane 3: A431 Whole Cell Lysate at 40ug
Lane 4: SW620 Whole Cell Lysate at 40ug
Predicted bind size: 46KD
Observed bind size: 46KD

Anti-NR2F2 Picoband Antibody - Background

COUP-TFII (COUP transcription factor 2), also known as NR2F2 (nuclear receptor subfamily 2, group F, member 2), is a protein that in humans is encoded by the NR2F2 gene. This gene encodes a member of the steroid thyroid hormone superfamily of nuclear receptors. The encoded protein is a ligand inducible transcription factor that is involved in the regulation of many different genes. Alternate splicing results in multiple transcript variants. COUP-TFII plays a critical role in controlling the development of a number of tissues and organs including heart, blood vessels, muscles and limbs.