

# **ARP-1 Polyclonal Antibody**

**Catalog # AP68518** 

# **Specification**

# **ARP-1 Polyclonal Antibody - Product Information**

Application WB, IHC-P, IF
Primary Accession P24468
Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal

# **ARP-1 Polyclonal Antibody - Additional Information**

## **Gene ID** 7026

#### **Other Names**

NR2F2; ARP1; TFCOUP2; 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

# **Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200

#### **Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

### **Storage Conditions**

-20°C

### ARP-1 Polyclonal 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:<a

href="http://www.uniprot.org/citations/29478779" target=" blank">29478779</a>).

#### **Cellular Location**

Nucleus.



**Tissue Location** 

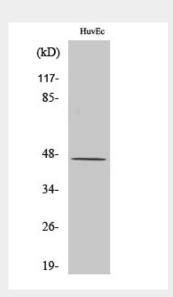
Ubiquitous. Expressed in the stromal cells of developing fetal ovaries (PubMed:29478779)

# **ARP-1 Polyclonal Antibody - Protocols**

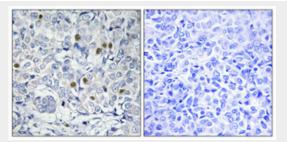
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

ARP-1 Polyclonal Antibody - Images



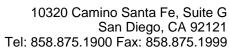
Western Blot analysis of various cells using ARP-1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

# ARP-1 Polyclonal Antibody - Background

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.