

ARP-1 Polyclonal Antibody

Catalog No: YT0335

Reactivity: Human; Mouse; Rat

Applications: WB;IHC;IF;ELISA

Target: ARP-1

Gene Name: NR2F2

Protein Name: COUP transcription factor 2

P24468

P43135

Human Gene Id: 7026

Human Swiss Prot

No:

Mouse Gene ld: 11819

Mouse Swiss Prot

No:

Rat Gene Id: 113984

Rat Swiss Prot No: 009018

Immunogen: The antiserum was produced against synthesized peptide derived from human

COT2. AA range:1-50

Specificity: ARP-1 Polyclonal Antibody detects endogenous levels of ARP-1 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not

yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability : _-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 45kD

Background: 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. [provided by RefSeg, Mar 2010],

Function: function: Regulation of the apolipoprotein A-I gene transcription. Binds to DNA

site A., similarity: Belongs to the nuclear hormone receptor

family., similarity: Belongs to the nuclear hormone receptor family. NR2

subfamily., similarity: Contains 1 nuclear receptor DNA-binding

domain., subunit: Interacts with SQSTM1 (By similarity). Binds DNA as a

homodimer., tissue specificity: Found in all tissues.,

Subcellular Location:

Nucleus.

Expression: Ubiquitous. Expressed in the stromal cells of developing fetal ovaries

(PubMed:29478779).

Sort: 2272

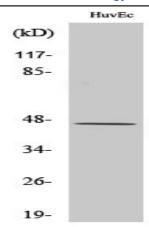
No4: 1

Host: Rabbit

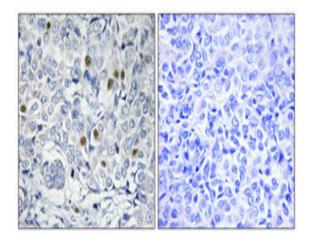
Modifications: Unmodified

Products Images

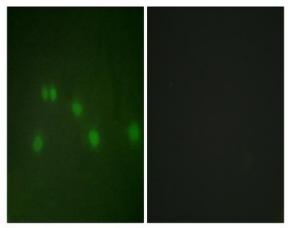
2/4



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).

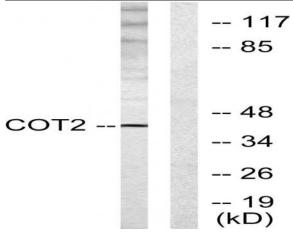


Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4° overnight). Highpressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was preabsorbed by immunogen peptide.



Immunofluorescence analysis of HUVEC cells, using COT2 Antibody. The picture on the right is blocked with the synthesized peptide.





Western blot analysis of lysates from HUVEC cells, using COT2 Antibody. The lane on the right is blocked with the synthesized peptide.