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NR2F2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14204a

Product Information

Application	WB, E
Primary Accession	P24468
Other Accession	O09018, P43135, Q9TTR7, NP_066285.1
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Mouse, Rat, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	45571
Antigen Region	1-30

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
Target/Specificity	This NR2F2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human NR2F2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NR2F2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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)

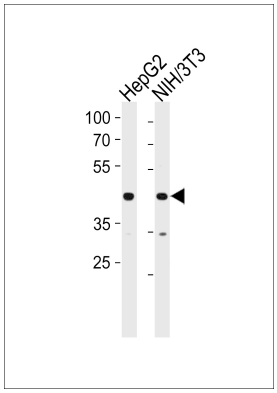
Background

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.

References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Feng, T., et al. Hum. Genet. 128(3):269-280(2010)
Kang, J., et al. Blood 116(1):140-150(2010)
Eriksson, N., et al. PLoS Genet. 6 (6), E1000993 (2010) :
Hubert, M.A., et al. PLoS ONE 5 (2), E9417 (2010) :

Images



NR2F2 Antibody (N-term) (Cat. #AP14204a) western blot analysis in HepG2,mouse NIH/3T3 cell line lysates (35ug/lane).This demonstrates the NR2F2 antibody detected the NR2F2 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.