Product Name: NOR-1 Rabbit Polyclonal Antibody
Catalog #: APRab14801

Summary

Production Name	NOR-1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	NR4A3
Alternative Names	NR4A3; CHN; CSMF; MINOR; NOR1; TEC; Nuclear receptor subfamily 4 group A member 3; Mitogen-induced nuclear orphan receptor; Neuron-derived orphan receptor 1; Nuclear hormone receptor NOR-1
Gene ID	8013.0
SwissProt ID	Q92570.The antiserum was produced against synthesized peptide derived from human NR4A3. AA range:387-436

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:40000.
Molecular Weight	65kD

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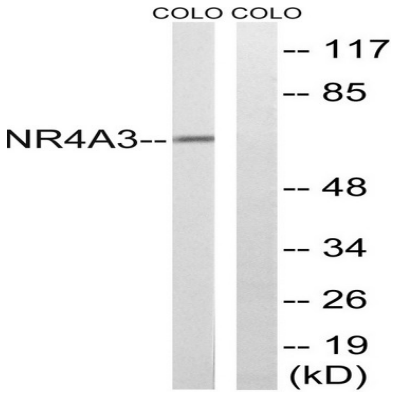
Background

This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. The encoded protein may act as a transcriptional activator. The protein can efficiently bind the NGFI-B Response Element (NBRE). Three different versions of extraskeletal myxoid chondrosarcomas (EMCs) are the result of reciprocal translocations between this gene and other genes. The translocation breakpoints are associated with Nuclear Receptor Subfamily 4, Group A, Member 3 (on chromosome 9) and either Ewing Sarcome Breakpoint Region 1 (on chromosome 22), RNA Polymerase II, TATA Box-Binding Protein-Associated Factor, 68-KD (on chromosome 17), or Transcription factor 12 (on chromosome 15). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010],disease:A chromosomal aberration involving NR4A3 is a cause of a form of extraskeletal myxoid chondrosarcomas (EMC). Translocation t(9;17)(q22;q11) with TAF2N.,disease:A chromosomal aberration involving NR4A3 is a cause of Ewing sarcoma [MIM:133450]. Translocation t(9;22)(q22-31;q11-12) with EWS.,function:Binds to the B1A response-element.,similarity:Belongs to the nuclear hormone receptor family.,similarity:Belongs to the nuclear hormone receptor family. NR4 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,tissue specificity:High expression of isoform alpha in skeletal muscle. High expression of isoform beta in skeletal muscle and low expression in fetal brain and placenta.,

Research Area

Image Data



Western blot analysis of lysates from COLO cells, using NR4A3 Antibody. The lane on the right is blocked with the synthesized peptide.

Note

For research use only.