Immunoway
Best Tools for immunology Research

NOR-1 Polyclonal Antibody

Catalog No :	YT3167
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	NOR-1
Fields :	>>Transcriptional misregulation in cancer
Gene Name :	NR4A3
Protein Name :	Nuclear receptor subfamily 4 group A member 3
Human Gene Id :	8013
Human Swiss Prot No :	Q92570
Mouse Gene Id :	18124
Mouse Swiss Prot No :	Q9QZB6
Rat Gene Id :	58853
Rat Swiss Prot No :	P51179
Immunogen :	The antiserum was produced against synthesized peptide derived from human NR4A3. AA range:387-436
Specificity :	NOR-1 Polyclonal Antibody detects endogenous levels of NOR-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. ELISA: 1:40000. 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 : 65kD

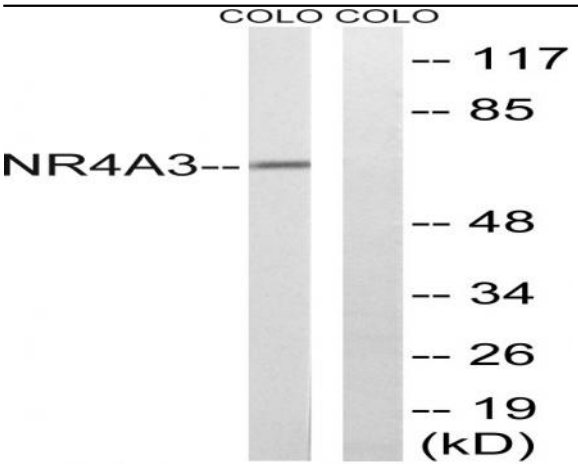
Background : This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. The encoded protein may act as a transcriptional activator. The protein can efficiently bind the NGFI-B Response Element (NBRE). Three different versions of extraskeletal myxoid chondrosarcomas (EMCs) 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],

Function : 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.,

Subcellular Location : Nucleus .

Expression : Isoform alpha is highly expressed in skeletal muscle. Isoform beta is highly expressed in skeletal muscle and low expressed in fetal brain and placenta.

Products Images



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