



NOR-1 Polyclonal Antibody

Catalog No	YP-Ab-03321
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	NR4A3
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NOR-1;NR4A3;Nuclear receptor subfamily 4 group A member 3;CHN;CSMF;MINOR;NOR1;TEC;Mitogen-induced nuclear orphan receptor;Neuron-derived orphan receptor 1;Nuclear hormone receptor NOR-1
Observed Band	65kD
Calculated Molecular Weight	65kD
Cell Pathway	Nucleus .
Tissue Specificity	Isoform alpha is highly expressed in skeletal muscle. Isoform beta is highly expressed in skeletal muscle and low expressed in fetal brain and placenta.
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.,

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 Sarcoma 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],

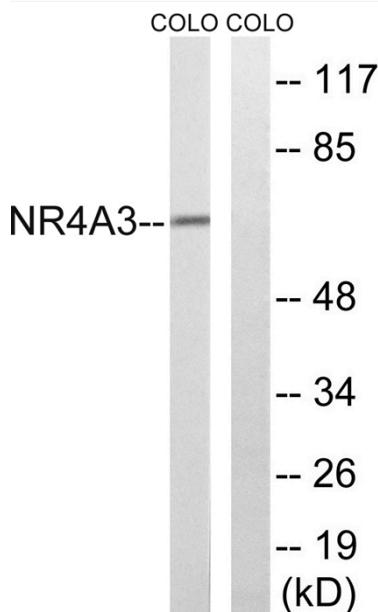
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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