

NR4A3 Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a partial recombinant NR4A3.

Catalog # AT3111a

Product Information

Application	WB, IF, E
Primary Accession	Q92570
Other Accession	NM_006981
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1E12
Calculated MW	68230

Additional Information

Gene ID	8013
Other Names	Nuclear receptor subfamily 4 group A member 3, Mitogen-induced nuclear orphan receptor, Neuron-derived orphan receptor 1, Nuclear hormone receptor NOR-1, NR4A3, CHN, CSMF, MINOR, NOR1, TEC
Target/Specificity	NR4A3 (NP_008912, 414 a.a. ~ 521 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	NR4A3 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

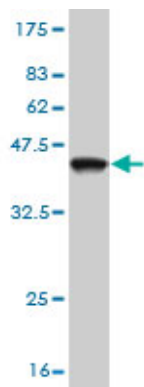
Background

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.

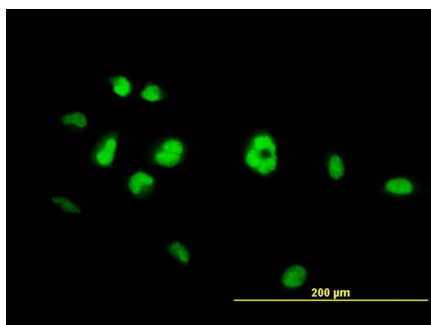
References

1. Over-expression of Neuron-derived Orphan Receptor-1 (NOR-1) exacerbates neointimal hyperplasia after vascular injury. Rodriguez-Calvo R, Guadall A, Calvayrac O, Navarro MA, Alonso J, Ferran B, de Diego A, Muniesa P, Osada J, Rodriguez C, Martinez-Gonzalez J. Hum Mol Genet. 2013 Feb 13.

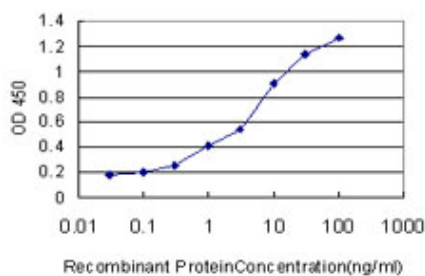
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.62 KDa) .



Immunofluorescence of monoclonal antibody to NR4A3 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged NR4A3 is approximately 0.1 ng/ml as a capture antibody.

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