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Tel: 858.875.1900 Fax: 858.875.1999

NR6A1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11318a

Specification

NR6A1 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q15406
Other Accession	NP_001480.3, NP_201591.2
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**54383**
Antigen Region	**30-59**

NR6A1 Antibody (N-term) - Additional Information

Gene ID 2649

Other Names
Nuclear receptor subfamily 6 group A member 1, Germ cell nuclear factor, GCNF, hGCNF, Retinoid receptor-related testis-specific receptor, RTR, hRTR, NR6A1, GCNF

Target/Specificity
This NR6A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 30-59 amino acids from the N-terminal region of human NR6A1.

Dilution
WB~~1:1000

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
NR6A1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NR6A1 Antibody (N-term) - Protein Information

Name NR6A1

Synonyms GCNF

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Function Orphan nuclear receptor. Binds to a response element containing the sequence 5'-TCAAGGTCA-3'. May be involved in the regulation of gene expression in germ cell development during gametogenesis (By similarity).

Cellular Location
Nucleus.

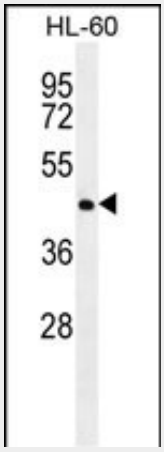
Tissue Location
Shows highest expression in the germ cells of the adult testis.

NR6A1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NR6A1 Antibody (N-term) - Images



NR6A1 Antibody (N-term) (Cat. #AP11318a) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the NR6A1 antibody detected the NR6A1 protein (arrow).

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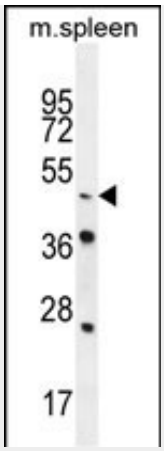

NR6A1 Antibody (N-term) (Cat. #AP11318a) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the NR6A1 antibody detected the NR6A1 protein (arrow).

NR6A1 Antibody (N-term) - Background

This gene encodes an orphan nuclear receptor which is a member of the nuclear hormone receptor family. Its expression pattern suggests that it may be involved in neurogenesis and germ cell development. The protein can homodimerize and bind DNA, but in vivo targets have not been identified. The gene expresses at least alternatively spliced transcript variants.

NR6A1 Antibody (N-term) - References

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Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
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Yang, G., et al. Biol. Reprod. 68(5):1620-1630(2003)
Lan, Z.J., et al. J. Biol. Chem. 277(52):50660-50667(2002)