

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

E~~Use at an assay dependent concentration.

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 {ECO:0000303|PubMed:26769970}

Function Orphan nuclear receptor that binds to a response element containing the sequence 5'-TCAAGGTCA-3' (PubMed:[26769970](#)). Acts as a regulator of embryonic stem cell pluripotency by mediating repression of POU5F1/OCT4: binds to the DR0 element within the POU5F1/OCT4 promoter and inhibits POU5F1/OCT4 expression during embryonic stem cell differentiation (PubMed:[26769970](#)). Involved in the regulation of gene expression in germ cell development during gametogenesis (By similarity).

Cellular Location

Nucleus.

Tissue Location

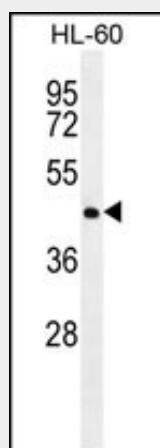
Shows highest expression in the germ cells of the adult testis.

NR6A1 Antibody (N-term) - Protocols

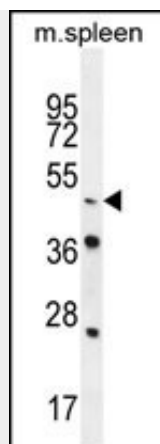
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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).



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

Letra, A., et al. Am. J. Med. Genet. A 152A (7), 1701-1710 (2010) :
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Rajkovic, M., et al. J. Biol. Chem. 279(50):52493-52499(2004)
Yang, G., et al. Biol. Reprod. 68(5):1620-1630(2003)
Lan, Z.J., et al. J. Biol. Chem. 277(52):50660-50667(2002)