

NR6A1 / GCNF Antibody (Ligand-binding Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10831**Specification**

NR6A1 / GCNF Antibody (Ligand-binding Domain) - Product Information

Application	IHC-P
Primary Accession	Q15406
Reactivity	Human, Mouse, Rabbit, Hamster, Monkey, Pig, Chicken, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa KDa
Dilution	IHC-P~~N/A

NR6A1 / GCNF Antibody (Ligand-binding Domain) - 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

Human NR6A1 / GCNF. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

NR6A1 / GCNF Antibody (Ligand-binding Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

NR6A1 / GCNF Antibody (Ligand-binding Domain) - 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](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/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.

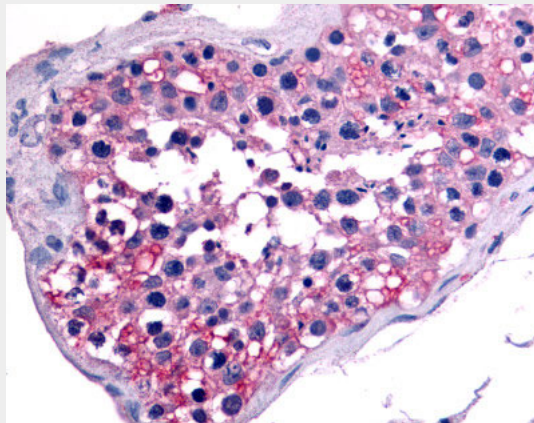
Volume

50 µl

NR6A1 / GCNF Antibody (Ligand-binding Domain) - 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 / GCNF Antibody (Ligand-binding Domain) - Images

Anti-NR6A1 / GCNF antibody ALS10831 IHC of human testis.

NR6A1 / GCNF Antibody (Ligand-binding Domain) - Background

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).

NR6A1 / GCNF Antibody (Ligand-binding Domain) - References

Suesens U., et al. Biochim. Biophys. Acta 1309:179-182(1996).
Kapelle M., et al. Biochim. Biophys. Acta 1352:13-17(1997).
Lei W., et al. J. Mol. Endocrinol. 18:167-176(1997).
Agoulnik I.Y., et al. FEBS Lett. 424:73-78(1998).
Schneider-Hirsch S., et al. J. Recept. Signal Transduct. 18:1-13(1998).

