

Rabbit GCNF/NR6A1 Polyclonal Antibody | anti-NR6A1 antibody

Anti-GCNF/NR6A1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254525	Rabbit	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)	Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

GCNF/NR6A1; Polyclonal Antibody; Anti-GCNF/NR6A1 Antibody; Rabbit Polyclonal; NR6A1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-GCNF Antibody; Anti-GCNF1 Antibody; Anti-hGCNF Antibody; Anti-hRTR Antibody; Anti-NR61 Antibody; Anti-RTR Antibody; anti-NR6A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human GCNF/NR6A1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-NR6A1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human NR6A1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human NR6A1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-NR6A1 rabbit polyclonal antibody at 1:500 dilution Lane A: HEK293 Whole Cell Lysate Lane B: MCF7 Whole Cell Lysate Lane C: K562 Whole Cell Lysate Lane D: HeLa Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 54 kDa Observed band size: 60 kDa (We are unsure as to the identity of these extra bands).



IF (Immunofluorescence)

Immunofluorescence staining of NR6A1 in HepG2 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human NR6A1 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor594-conjugated Goat Anti-rabbit IgG secondary antibody (red). Positive staining was localized to nucleus.

ADDITIONAL INFORMATION

Related Product Information for anti-NR6A1 antibody	NR6A1/CT150, as an orphan receptor, is a novel member of the cancer-testis (CT) antigen family. Nuclear receptor subfamily 6, group A, member 1 (NR6A1) is involved in regulating embryonic stem cell differentiation, reproduction, neuronal differentiation. Down regulation of NR6A1 could reverse epithelial-to-mesenchymal transition (EMT) process in DU145 and PC3 cell lines, and the overexpression could enhance EMT process in 22RV1 cell line. NR6A1 played a prominent role in migration and invasion of PCa cells, and it is indicated that NR6A1 may act as a novel marker for biochemical recurrence after radical prostatectomy.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	53729325
NCBI GeneID	2649
NCBI Accession #	NP_201591.2
NCBI GenBank Nucleotide #	NM_033334.3
UniProt Accession #	Q15406; O00551; O00603; Q5T6F4; Q8NHQ0; Q92898; Q99802
Molecular Weight	53,908 Da
NCBI Official Full Name	nuclear receptor subfamily 6 group A member 1 isoform 1
NCBI Official Synonym Full Names	nuclear receptor subfamily 6, group A, member 1
NCBI Official Symbol	NR6A1
NCBI Official Synonym Symbols	RTR; GCNF; NR61; hRTR; CT150; GCNF1; hGCNF
NCBI Protein Information	nuclear receptor subfamily 6 group A member 1; germ cell nuclear factor variant 1; retinoid receptor-related testis-specific receptor; retinoic acid receptor-related testis-associated receptor
UniProt Protein Name	Nuclear receptor subfamily 6 group A member 1
UniProt Gene Name	NR6A1
UniProt Synonym Gene Names	GCNF; GCNF; hGCNF; RTR; hRTR
UniProt Entry Name	NR6A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gcnf-nr6a1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/254525>