

Mouse anti-Human GCNF Monoclonal Antibody | anti-GCNF antibody

Anti-GCNF Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14121	Mouse	Human	Western Blot, Immunofluorescence

PRODUCT SYNONYMS

GCNF; Monoclonal Antibody; Anti-GCNF Mouse mAb; GCNF 1; GCNF1; Germ cell nuclear factor; hGCNF; hRTR; NR 61; NR61; nr6a1; NR6A1_HUMAN; Nuclear receptor subfamily 6 group A member 1; Orphan nuclear receptor NR6A1; Retinoic acid receptor related testis associated receptor; Retinoid receptor related testis specific receptor; Retinoid receptor-related testis-specific receptor; RTR; anti-GCNF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2B11-D3-F11
Form/Format	Purified antibody in PBS with 0.05% sodium azide
Sequence Length	476
Applicable Applications for anti-GCNF antibody	WB (Western Blot), IF (Immunofluorescence)
Immunogen	Purified recombinant fragment of human NR6A1 (AA: 65-118) expressed in E Coli.
Sequence Similarities	Contains 1 nuclear receptor DNA-binding domain.
Subunit Structure	Homodimer. Interacts with UIMC1 (By similarity).
Subcellular Location	Nucleus

IMAGES



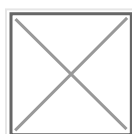
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using NR6A1 mouse mAb with DAB staining.



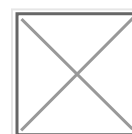
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded cerebellum tissues using NR6A1 mouse mAb with DAB staining.



FCM (Flow Cytometry)

Flow cytometric analysis of K562 cells using NR6A1 mouse mAb (green) and negative control (red).



IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells using NR6A1 mouse mAb (green). Blue

**WB (Western Blot)**

Western blot analysis using NR6A1 mouse mAb against K562 (1), NTERA-2 (2), HEK293 (3), HUVE-12 (4), and HeLa (5) cell lysate.

**ICC (Immunocytochemistry)**

Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using anti-GCNF mouse mAb (dilution 1:200).

ADDITIONAL INFORMATION

Related Product Information for anti-GCNF antibody

Entrez Summary: 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.

UniPort Summary 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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	513788273
NCBI GeneID	2649
NCBI Accession #	NP_001265475.1
NCBI GenBank Nucleotide #	NM_001278546.1
UniProt Accession #	Q15406; O00551; O00603; Q5T6F4; Q8NHQ0; Q92898; Q99802
Molecular Weight	54kDa
NCBI Official Full Name	nuclear receptor subfamily 6 group A member 1 isoform 4
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
UniProt Protein Name	Nuclear receptor subfamily 6 group A member 1
UniProt Gene Name	NR6A1
UniProt Synonym Gene Names	GCNF; GCNF; hGCNF; RTR; hRTR

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/gcnf-antibody-clone-2b11-d3-f11-western-blot-immunofluorescence-elisa/14121>