

Rabbit NR4A1 Polyclonal Antibody | anti-NR4A1 antibody

NR4A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327344	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

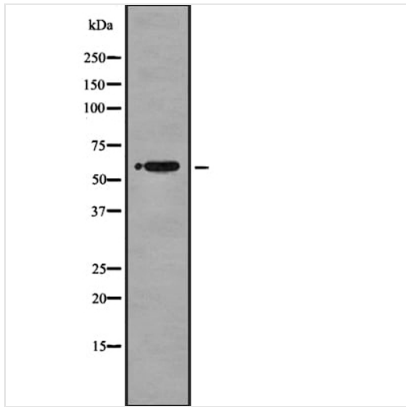
PRODUCT SYNONYMS

NR4A1; Polyclonal Antibody; NR4A1 Antibody; Early response protein NAK1; GFRP 1; GFRP; GFRP1; Growth factor inducible nuclear protein N10; Growth Factor Inducible Nuclear Protein NP10; Growth Factor Response Protein 1; Hbr1; HMR; Hormone Receptor; MGC9485; N10; N10 nuclear protein; NAK 1; NAK1; Nerve growth factor IB nuclear receptor variant 1; NGFIB; NP 10; NP10; NR4A1_HUMAN; Nuclear hormone receptor NUR/77; Nuclear Hormone Receptor TR3; Nuclear receptor subfamily 4 group A member 1; NUR77; mouse; homolog of; Orphan nuclear receptor HMR; Orphan nuclear receptor NR4A1; Orphan nuclear receptor TR3; Orphan receptor tr3; Receptor NGFIB; ST 59; ST-59; ST59; Steroid receptor TR3; Testicular receptor 3; TR 3; TR3; TR3 orphan receptor; anti-NR4A1 antibody

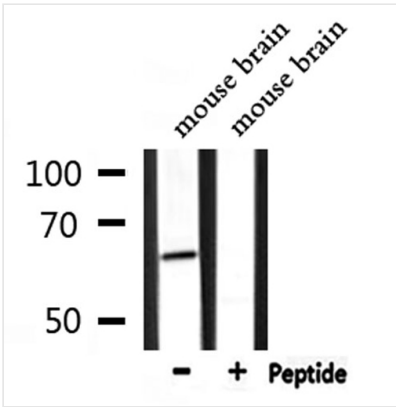
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NR4A1 antibody detects endogenous levels of total NR4A1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	611
Applicable Applications for anti-NR4A1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NR4A1
Subcellular Location	Nucleus.
Tissue Specificity	Fetal muscle and adult liver, brain and thyroid.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (85%), Bovine (92%), Horse (92%), Sheep (92%), Rabbit (92%), Dog (85%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

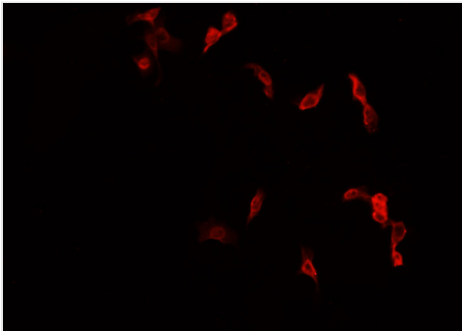
IMAGES



WB (Western Blot)
Western blot analysis of NR4A1 using HT29 whole lysates.



WB (Western Blot)
Western blot analysis of extracts from mouse brain, using NR4A1 Antibody.



IF (Immunofluorescence)
AAA327344 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NR4A1 antibody	Function: Orphan nuclear receptor. May act concomitantly with NURR1 in regulating the expression of delayed-early genes during liver regeneration. Binds the NGFI-B response element (NBRE) 5'-AAAAGGTCA-3' (By similarity). May inhibit NF-kappa-B transactivation of IL2. Participates in energy homeostasis by sequestering the kinase STK11 in the nucleus, thereby attenuating cytoplasmic AMPK activation. Subunit Structure: Binds DNA as a monomer (By similarity). Interacts with GADD45GIP1. Interacts with STK11. Post-translational Modifications: Phosphorylated at Ser-351 by RPS6KA1 and RPS6KA3 in response to mitogenic or stress stimuli. Acetylated by p300/CBP, acetylation increases stability. Deacetylated by HDAC1. Similarity: Belongs to the nuclear hormone receptor family. NR4 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	320202956
NCBI GeneID	3164
NCBI Accession #	NP_001189162.1
NCBI GenBank Nucleotide #	NM_001202233.1
UniProt Accession #	P22736; Q15627; Q53Y00; Q6IBU8; B4DML7
Molecular Weight	Observed: 64 kDa Predicted: 65 kDa
NCBI Official Full Name	nuclear receptor subfamily 4 group A member 1 isoform 2

NCBI Official Synonym Full Names	nuclear receptor subfamily 4 group A member 1
NCBI Official Symbol	NR4A1
NCBI Official Synonym Symbols	HMR; N10; TR3; NP10; GFRP1; NAK-1; NGFIB; NUR77
NCBI Protein Information	nuclear receptor subfamily 4 group A member 1
UniProt Protein Name	Nuclear receptor subfamily 4 group A member 1
UniProt Gene Name	NR4A1
UniProt Synonym Gene Names	GFRP1; HMR; NAK1; Nur77

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/nr4a1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/327344>