

Rabbit Phospho-NR4A1 (S351) Polyclonal Antibody | anti-NR4A1 antibody

Phospho-NR4A1 (S351) Antibody

CATALOG # AAA287157	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse, Rat)	APPLICATIONS ELISA, Dot Blot
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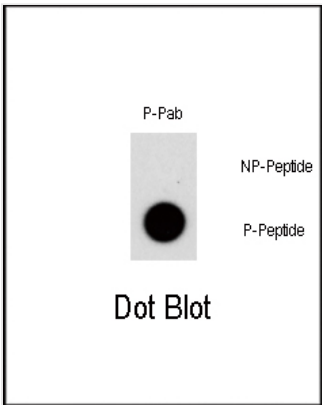
PRODUCT SYNONYMS

Phospho-NR4A1 (S351); Polyclonal Antibody; Phospho-NR4A1 (S351) Antibody; Nuclear receptor subfamily 4 group A member 1; Early response protein NAK1; Nuclear hormone receptor NUR/77; Nur77; Orphan nuclear receptor HMR; Orphan nuclear receptor TR3; ST-59; Testicular receptor 3; NR4A1; GFRP1; HMR; NAK1; anti-NR4A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NR4A1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S351 of human NR4A1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	325
Applicable Applications for anti-NR4A1 antibody	ELISA, DB (Dot Blot)
Antigen Type	Synthetic Peptide
Clone Names	RB11095
Antigen Source	HUMAN
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.
Cellular Location	Cytoplasm. Nucleus.
Tissue Location	Fetal muscle and adult liver, brain and thyroid
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



DB (Dot Blot)
Dot blot analysis of Phospho-NR4A1-S351 polyclonal antibody on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentration was 0.5ug per ml. P-Pab: phospho-antibody; P-Peptide: phospho-peptide; NP-Peptide: non-phospho-peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NR4A1 antibody	NR4A1 is a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis.
Product Categories/Family for anti-NR4A1 antibody	Cancer; Cell Biology; Phospho Antibodies
References	Lu, L., et al., J. Clin. Endocrinol. Metab. 89(8):4113-4118 (2004). Castro-Obregon, S., et al., J. Biol. Chem. 279(17):17543-17553 (2004). Lin, B., et al., Cell 116(4):527-540 (2004). Choi, J.W., et al., Cancer Res. 64(1):35-39 (2004). Ye, X., et al., Int. J. Biochem. Cell Biol. 36(1):98-113 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	320202956
NCBI GeneID	3164
NCBI Accession #	NP_001189162.1; NP_002126.2; NP_775180.1
NCBI GenBank Nucleotide #	NM_001202233.1
UniProt Accession #	P22736; Q15627; Q53Y00; Q6IBU8; B4DML7
Molecular Weight	64463
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
UniProt Entry Name	NR4A1_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/phospho-nr4a1-s351-antibody-dot-blot-elisa/287157>