

Nuclear Receptor NR4A1 (Phospho-Ser351) Antibody

Cat No.: ES14439

For research use only

Overview

Product Name Nuclear Receptor NR4A1 (Phospho-Ser351)

Antibody

Host species Rabbit
Applications WB; ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions WB 1:500-2000, ELISA(peptide)1:5000-20000 Synthesized pospho peptide derived from human

Nuclear Receptor NR4A1 (Phospho-Ser351)

Specificity This antibody detects endogenous pospho levels of

human Nuclear Receptor NR4A1 (Phospho-Ser351)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Nuclear Receptor NR4A1 (Phospho-Ser351)

Gene Name NR4A1 GFRP1 HMR NAK1

Cellular localization Nucleus . Cytoplasm . Mitochondrion . Nuclear

export to the cytoplasm is XPO1-mediated and positively regulated by IFI27 (PubMed:22427340). Translocation to the mitochondrion upon interaction with RXRA and upon the presence of 9-cis retinoic

acid (PubMed:

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 77kD
Human Gene ID 3164
Human Swiss-Prot Number P22736

Alternative Names Nuclear receptor subfamily 4 group A member 1

(Early response protein NAK1; Nuclear hormone receptor NUR/77; Nur77; Orphan nuclear receptor



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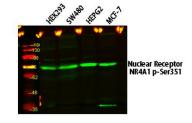
Background



HMR;Orphan nuclear receptor TR3;ST-59;Testicular receptor 3)

This gene encodes 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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2011],

Western blot analysis of various lysates, primary antibody was diluted at 1:1000, 4° over night, secondary antibody(cat: RS23920)was diluted at 1:10000, 37° 1hour.



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