

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
Immunogen	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



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.

