

Nuclear Receptor NR4A1 (Phospho Ser351) Antibody

Catalog No :	YP1248
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	Nur77
Fields :	>>MAPK signaling pathway;>>PI3K-Akt signaling pathway;>>Aldosterone synthesis and secretion;>>Cortisol synthesis and secretion;>>Cushing syndrome
Gene Name :	NR4A1 GFRP1 HMR NAK1
Protein Name :	Nuclear Receptor NR4A1 (Phospho-Ser351)
Human Gene Id :	3164
Human Swiss Prot No :	P22736
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.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000, ELISA(peptide)1:5000-20000
Purification :	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 77kD

Background : 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],

Function : function:Orphan nuclear receptor.,induction:By growth-stimulating agents.,similarity:Belongs to the nuclear hormone receptor family.,similarity:Belongs to the nuclear hormone receptor family. NR4 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,subunit:Interacts with GADD45GIP1.,tissue specificity:Fetal muscle and adult liver, brain and thyroid.,

Subcellular Location : 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:17761950). .

Expression : Fetal muscle and adult liver, brain and thyroid.

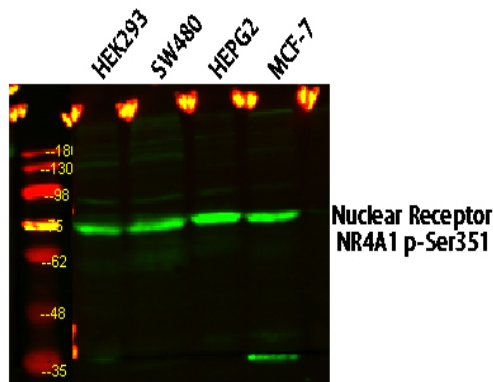
Sort : 10990

No4 : 1

Host : Rabbit

Modifications : Phospho

Products Images



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.