



Nur77 (phospho Ser351) Polyclonal Antibody

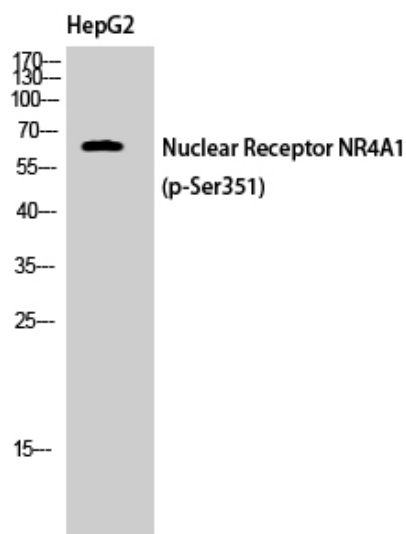
Catalog No	YP-Ab-03296
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	NR4A1
Immunogen	The antiserum was produced against synthesized peptide derived from human Nuclear Receptor NR4A1 around the phosphorylation site of Ser351. AA range:317-366
Specificity	Phospho-Nur77 (S351) Polyclonal Antibody detects endogenous levels of Nur77 protein only when phosphorylated at S351.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Early response protein NAK1;GFRP 1;GFRP;GFRP1;Growth factor inducible nuclear protein N1;Growth Factor Inducible Nuclear Protein NP1;Growth Factor Response Protein 1;Hbr1;HMR;Hormone Receptor;MGC9485;N1;N1 nuclear protein;NAK 1;NAK1;Nerve growth factor IB nuclear receptor variant 1;NGFIB; NP 1;NP1;NR4A1;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
Observed Band	65-70kD
Calculated Molecular Weight	65-70kD
Cell Pathway	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). .
Tissue Specificity	Fetal muscle and adult liver, brain and thyroid.



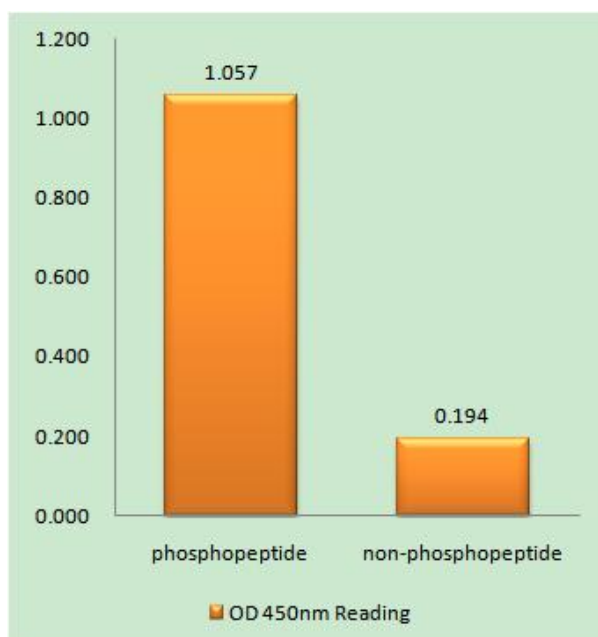
Function	function:Orphan nuclear receptor.,induction:By growth-stimulating agents.,similarity:Belongs to the nuclear hormone receptor family.,similarity:Belongs to the nuclear hormone receptor family. NR4 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,subunit:Interacts with GADD45GIP1.,tissue specificity:Fetal muscle and adult liver, brain and thyroid.,
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



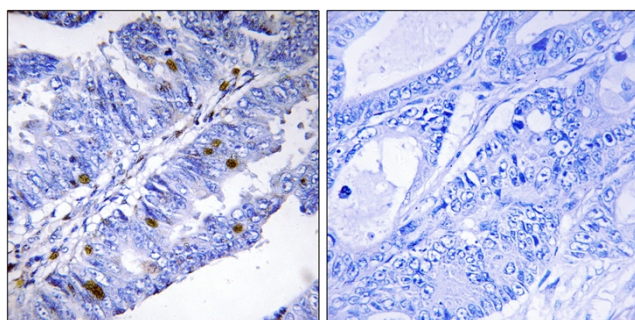
Products Images



Western Blot analysis of HepG2 cells using Phospho-Nur77 (S351) Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Nuclear Receptor NR4A1 (Phospho-Ser351) Antibody



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using Nuclear Receptor NR4A1 (Phospho-Ser351) Antibody. The picture on the right is blocked with the phosphopeptide.