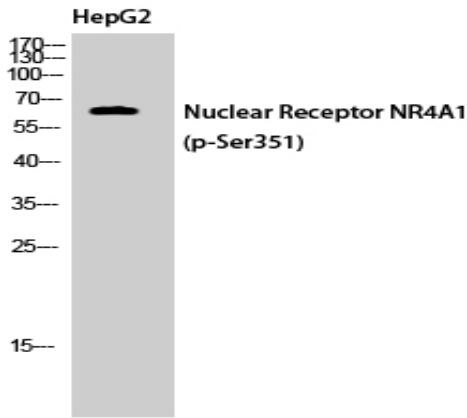


Nur77 (phospho Ser351) Polyclonal Antibody

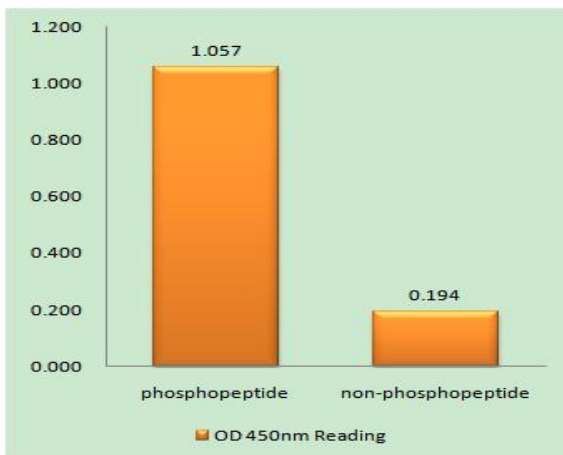
Catalog No :	YP1019
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	Nur77
Fields :	>>MAPK signaling pathway;>>PI3K-Akt signaling pathway;>>Aldosterone synthesis and secretion;>>Cortisol synthesis and secretion;>>Cushing syndrome
Gene Name :	NR4A1
Protein Name :	Nuclear receptor subfamily 4 group A member 1
Human Gene Id :	3164
Human Swiss Prot No :	P22736
Mouse Gene Id :	15370
Mouse Swiss Prot No :	P12813
Rat Gene Id :	79240
Rat Swiss Prot No :	P22829
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

Dilution :	WB 1:500-2000 IHC 1:100 - 1:300. ELISA: 1:40000. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	65-70kD
Cell Pathway :	MAPK_ERK_Growth;MAPK_G_Protein;
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.

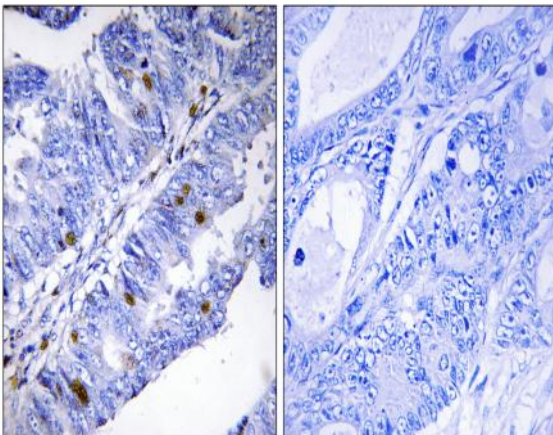
Products Images



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, Inventbiotech, 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 phospho peptide.