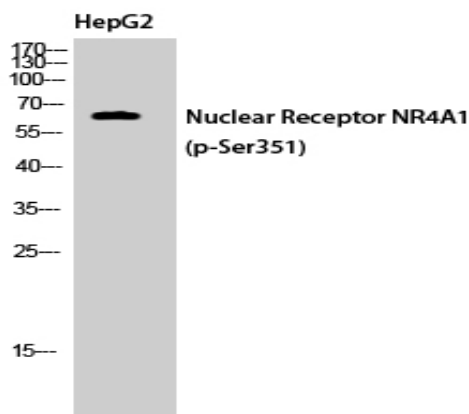


Nur77 (phospho Ser351) Polyclonal Antibody

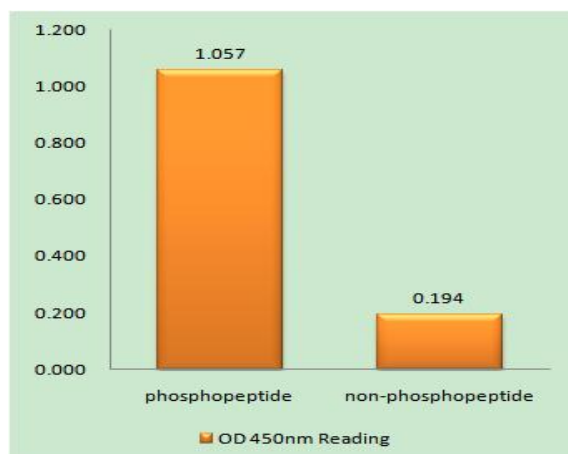
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|------------------------------|--|
| Catalog No : | YP1019 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB;IHC;IF;ELISA |
| Target : | Nur77 |
| Fields : | >>MAPK signaling pathway;>>PI3K-Akt signaling pathway;>>Aldosterone synthesis and 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. |
| Tag : | hot |
| Sort : | 11010 |
| No2 : | 5095S |
| No4 : | 1 |
| Host : | Rabbit |

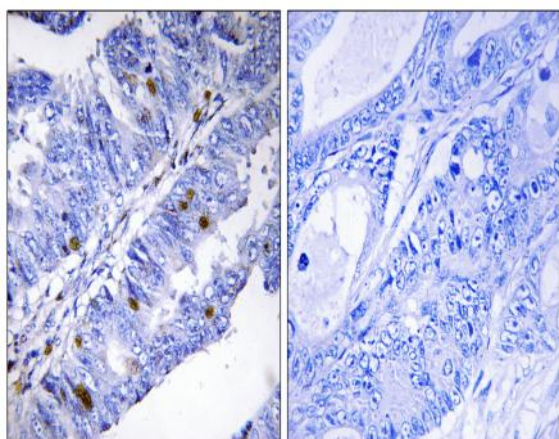
Products Images



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, Inventibiotech, 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.