



## Rabbit Anti-Phospho-Nur77 (Ser351) antibody

SL3313R

<b>Product Name:</b>	Phospho-Nur77 (Ser351)
<b>Chinese Name:</b>	磷酸化孤儿核受体蛋白Nur77抗体
<b>Alias:</b>	NR4A1(phospho S351); NUR77 (phospho S351); p-NUR77 (phospho S351); GFRP 1; GFRP; GFRP1; Growth factor inducible nuclear protein N10; Growth Factor Inducible Nuclear Protein NP10; Growth Factor Response Protein 1; Hbr1; HMR; Hormone Receptor; MGC9485; N10; N10 nuclear protein; NAK 1; NAK1; NGFIB; NP 10; NP10; NR4A1; Nuclear hormone receptor NUR/77; Nuclear Hormone Receptor TR3; Nuclear Receptor Subfamily 4 Group A Member 1; NUR77; Orphan nuclear receptor HMR; Orphan nuclear receptor NR4A1; ST 59; ST59; Steroid receptor TR3; TR 3; TR3; TR3 orphan receptor; Early response protein NAK1.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,Rabbit,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	66kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated Synthesised phosphopeptide derived from human Nur77 around the phosphorylation site of Ser351:LP(p-S)KP
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>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]</p> <p><b>Function:</b> Orphan nuclear receptor. May act concomitantly with NURR1 in regulating the expression of delayed-early genes during liver regeneration. Binds the NGFI-B response element (NBRE) 5'-AAAAGGTCA-3' (By similarity). May inhibit NF-kappa-B transactivation of IL2.</p> <p><b>Subunit:</b> Binds DNA as a monomer. Interacts with GADD45GIP1.</p> <p><b>Subcellular Location:</b> Nucleus.</p> <p><b>Tissue Specificity:</b> Fetal muscle and adult liver, brain and thyroid.</p> <p><b>Post-translational modifications:</b> Phosphorylated at Ser-351 by RPS6KA1 and RPS6KA3 in response to mitogenic or stress stimuli.</p> <p><b>Similarity:</b> Belongs to the nuclear hormone receptor family. NR4 subfamily. Contains 1 nuclear receptor DNA-binding domain.</p> <p><b>SWISS:</b> P22736</p> <p><b>Gene ID:</b> 3164</p> <p><b>Database links:</b> <a href="#">Entrez Gene: 3164</a>Human <a href="#">Entrez Gene: 15370</a>Mouse <a href="#">Entrez Gene: 79240</a>Rat <a href="#">Omim: 139139</a>Human</p>

[SwissProt: P22736](#)Human

[SwissProt: P12813](#)Mouse

[SwissProt: P22829](#)Rat

[Unigene: 524430](#)Human

[Unigene: 119](#)Mouse

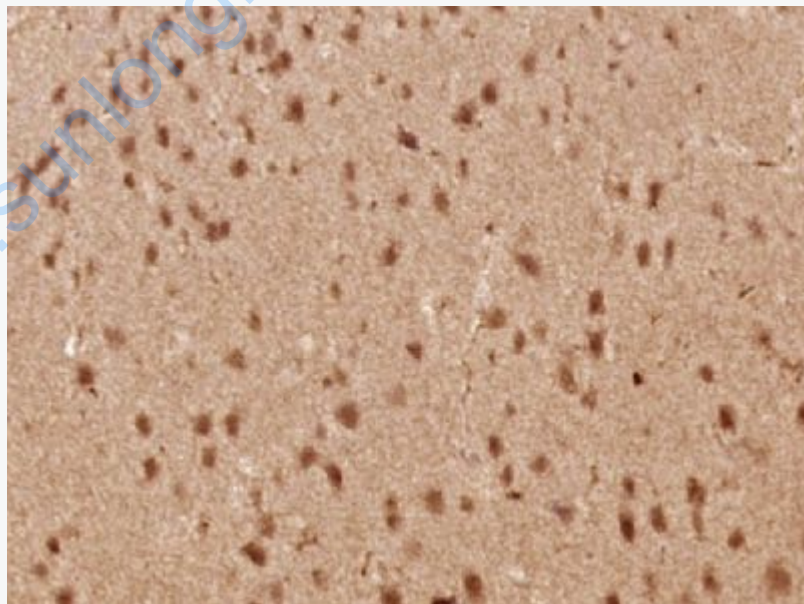
[Unigene: 10000](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

孤儿核受体蛋白Nur77是早期反应转录因子之一，多种刺激因子如缺氧可诱导其迅速表达，Nur77参与调控细胞增殖、存活、分化等过程。这类核受体是体内广泛分布的配体依赖性的转录因子，通过调控基因协调表达，在机体的生长发育、The new supersedes the old, Cell differentiation及体内许多生长发育过程中发挥重要作用，其功能障碍将导致一系列疾病的发生，如；癌症、Diabetes、肥胖、不孕不育等等。

**Picture:**



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C

for 30min; Antibody incubation with (Phospho-Nur77(Ser351)) Polyclonal Antibody, Unconjugated (SL3313R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

[www.sunlongbiotech.com](http://www.sunlongbiotech.com)