

Rabbit Anti-Nur77/AF350 Conjugated antibody

SL3513R-AF350

Product Name	Anti-Nur77/AF350
Chinese Name	AF350 标记的孤儿核受体蛋白 Nur77 抗体
Alias	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.
Research Area	Tumour Cell biology immunology Chromatin and nuclear signals Neurobiology Signal transduction Apoptosis transcriptional regulatory factor Diabetes
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse,Rat(predicted:Human) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	66kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Nur77/GFRP
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol
Storage	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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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]

Subunit:

Binds DNA as a monomer (By similarity). Interacts with GADD45GIP1.

Subcellular Location:

Nucleus.

Tissue Specificity:

Fetal muscle and adult liver, brain and thyroid.

Similarity:

Belongs to the nuclear hormone receptor family. NR4 subfamily. Contains 1 nuclear receptor DNA-binding domain.

Product Detail

Database links:

[Entrez Gene: 3164](#) Human

[Entrez Gene: 15370](#) Mouse

[Entrez Gene: 79240](#) Rat

[Omim: 139139](#) Human

[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。