SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Marker Primary Antibody]

Rabbit Anti-Nur77/AF647 Conjugated antibody

Catalog Number: SL3513R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-Nur77/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human Nur77/GFRP
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Human)
Background:	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. **Database links:** **Entrez Gene:** 3164 Human

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

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	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. Orphan nuclear receptor protein Nur77 is one of the early-response transcription factors. Various stimulating factors such as hypoxia can induce its rapid expression. Nur77 participates in regulating processes such as cell proliferation, survival, and differentiation. This class of nuclear receptors are ligand-dependent transcription factors widely distributed in the body. By regulating coordinated gene expression, they play important roles in the body's growth and development, The new supersedes the old, Cell differentiation, and many growth and developmental processes in the body. Their dysfunction will lead to the occurrence of a series of diseases, such as cancer, Diabetes, obesity, infertility, and so on.