



Rabbit Anti-Phospho-NR1D1 (Ser55 + Ser59) antibody

SL3386R

Product Name:	Phospho-NR1D1 (Ser55 + Ser59)
Chinese Name:	磷酸化The nucleus受体Rev-Erb α 抗体
Alias:	NR1D1 (Phospho Ser55 + Ser59); NR1D1 (Phospho S55 + S59); EAR-1; EAR1; ERBA-RELATED 1; hRev; Nr1d1; NR1D1_HUMAN; Nuclear Receptor Rev-ErbA Alpha; Nuclear receptor subfamily 1 group D member 1; Orphan nuclear receptor NR1D1; Rev erbAalpha; Rev erbalpha; Rev-erbA-alpha; Rev-ErbAalpha; REV-ERBalpha; THRA1; THRAL; Thyroid hormone receptor alpha-like; Thyroid hormone receptor, alpha like; V-erbA related protein EAR-1; V-erbA-related protein 1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Sheep,
Applications:	WB=1:500-2000ELISA=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.
Molecular weight:	67kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated Synthesised phosphopeptide derived from human REV-ERB alpha around the phosphorylation site of Ser55/59:PP(p-S)PTG(p-S)LT
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% 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 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>NR1D1, a NR1 Thyroid Hormone-Like Receptor, is encoded by the same genomic locus as, but transcribed from the opposite strand of, Thyroid Hormone Receptor Alpha (TR Alpha). NR1D1 is a target of Nuclear Receptor ROR Alpha and a transcription regulator that has been shown to affect myocyte differentiation, adipogenesis, and lipoprotein metabolism. Mice lacking NR1D1 show abnormal postnatal cerebellar development. NR1D1 expression has been documented in human skeletal muscle and a variety of mouse and rat tissues. ESTs have been isolated from human tissue libraries, including cancerous adrenal, blood, brain, breast, colon, duodenum, fetus, head/neck, kidney, lung, skeletal muscle, skin, synovium, uterus, normal brain, breast, colon, eye, heart, pancreas, pituitary, prostate, skeletal muscle, skin, testis and thyroid.</p> <p>Function: Functions as a constitutive transcriptional repressor. In collaboration with SP1, activates GJA1 transcription. Possible receptor for triiodothyronine.</p> <p>Subunit: Interacts with C1D and NR2E3. Interacts with SP1.</p> <p>Subcellular Location: Nucleus (Potential).</p> <p>Tissue Specificity: Expressed in all tissues and cell lines examined. Expressed at high levels in some squamous carcinoma cell lines.</p> <p>Similarity: Belongs to the nuclear hormone receptor family. NR1 subfamily. Contains 1 nuclear receptor DNA-binding domain.</p> <p>SWISS: P20393</p> <p>Gene ID: 9572</p> <p>Database links:</p> <p>Entrez Gene: 768225Cow</p> <p>Entrez Gene: 9572Human</p> <p>Entrez Gene: 217166Mouse</p> <p>Entrez Gene: 252917Rat</p> <p>Omim: 602408Human</p>

[SwissProt: Q08E02](#)Cow
[SwissProt: P20393](#)Human
[SwissProt: Q3UV55](#)Mouse
[SwissProt: Q63503](#)Rat
[Unigene: 592130](#)Human
[Unigene: 724](#)Human
[Unigene: 390397](#)Mouse
[Unigene: 29848](#)Rat

Important Note:

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

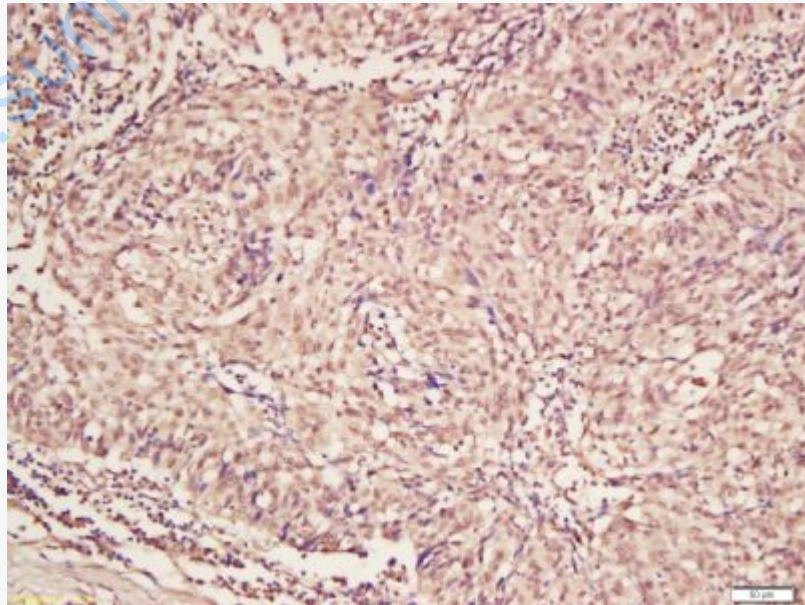
1. The nucleus受体Rev-

Erba是生物钟系统的重要组成部分,不仅是生物钟基因而且是生物钟调节基因,在维持生物节律准确性中发挥着重要作用;

2. Rev-

Erba调节糖代谢、脂质代谢、脂肪形成、纤溶蛋白降解、血管炎症并与其他能量平衡相关核受体相互作用。

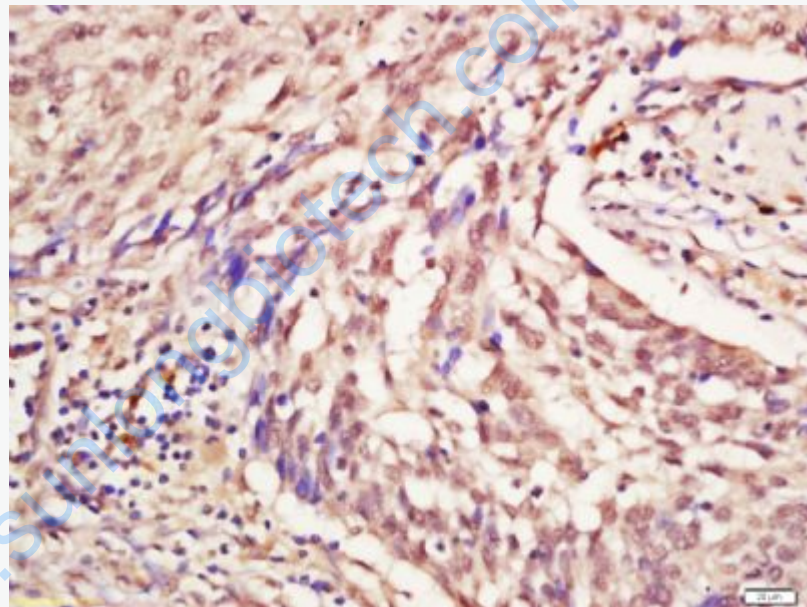
Picture:



Tissue/cell: human laryngeal tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-Phospho-NR1D1 (Ser55 + Ser59) Polyclonal Antibody, Unconjugated(SL3386R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



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