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

[Primary Antibody]

Rabbit Anti-NCoR2 antibody

Catalog Number: SL1420R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	NCoR2
Immunogen:	KLH conjugated synthetic peptide derived from human NCoR2: 2201-2525/2525
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Pig, Cow)
Predicted MW.:	278kDa
Subcellular Location:	The nucleus
Background:	NCoR2（Nuclear receptor corepressor 2）mediates the transcriptional repression activity of some nuclear receptors by promoting chromatin condensation, thus preventing access of the basal transcription. Isoform 1 and isoform 5 have different affinities for different nuclear receptors. **Function:** Transcriptional corepressor of NR4A2/NURR1 and acts through histone deacetylases (HDACs) to keep promoters of NR4A2/NURR1 target genes in a repressed deacetylated state. Mediates the transcriptional repression activity of some nuclear receptors by promoting chromatin condensation, thus preventing access of the basal transcription. Isoform 1 and isoform 5 have different affinities for different nuclear receptors.

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

	Subunit: Interacts with BCL6, HDAC7 and C1D. Interacts with NR4A2; this interaction increases in the absence of PITX. Forms a large corepressor complex that contains SIN3A/B and histone deacetylases HDAC1 and HDAC2. This complex associates with the thyroid (TR) and the retinoid acid receptors (RAR) in the absence of ligand, and may stabilize their interaction with TFIIB. Interacts directly with RARA in the absence of ligand; the interaction represses RARA activity. Interacts (isoform SRMT) with HDAC10. Interacts with MINT. Component of the N-Cor repressor complex, at least composed of NCOR1, NCOR2, HDAC3, TBL1X, TBL1R, CORO2A and GPS2. Interacts with CBFA2T3 and ATXN1L. Interacts with RARB; the interaction is weak and does not repress RARB transactivational activity. **Subcellular Location:** Nucleus. **Tissue Specificity:** Ubiquitous. High levels of expression are detected in lung, spleen and brain. **Similarity:** Belongs to the N-CoR nuclear receptor corepressors family. Contains 2 SANT domains. **Database links:** **Entrez Gene:** 9612 Human Omim: 600848 Human **SwissProt:** Q9Y618 Human **Unigene:** 137510 Human

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