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Anti-EAR2 / NR2F6 Antibody (N-Terminus)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17485

Product Information

Application	IHC-P
Primary Accession	P10588
Predicted	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42979
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	2063
Alias Symbol	NR2F6
Other Names	NR2F6, Erba related 2, ERBAL2, EAR-2, EAR2, ERBA-related gene-2, V-erbA-related protein 2
Target/Specificity	Human NR2F6. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-EAR2 / NR2F6 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NR2F6
Synonyms	EAR2, ERBAL2
Function	Transcription factor predominantly involved in transcriptional repression. Binds to promoter/enhancer response elements that contain the imperfect 5'-AGGTCA-3' direct or inverted repeats with various spacings which are also recognized by other nuclear hormone receptors. Involved in modulation of hormonal responses. Represses transcriptional activity of the lutropin-choriogonadotropic hormone receptor/LHCGR gene, the renin/REN gene and the oxytocin-neurophysin/OXT gene. Represses the triiodothyronine-dependent and -independent transcriptional activity of the thyroid hormone receptor gene in a cell type-specific manner. The corepressing function towards thyroid hormone receptor beta/THRB involves at least in part the inhibition of THRB binding to triiodothyronine response elements (TREs) by

	NR2F6. Inhibits NFATC transcription factor DNA binding and subsequently its transcriptional activity. Acts as transcriptional repressor of IL-17 expression in Th-17 differentiated CD4(+) T cells and may be involved in induction and/or maintenance of peripheral immunological tolerance and autoimmunity. Involved in development of forebrain circadian clock; is required early in the development of the locus coeruleus (LC).
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00407, ECO:0000269|PubMed:10644740, ECO:0000269|PubMed:18701084}
Tissue Location	Expressed in heart, placenta, liver, skeletal muscle, kidney and pancreas.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.