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Overview

Quantity:	100 μg
Target:	NR2F6
Binding Specificity:	AA 6-194
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR2F6 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Nuclear receptor subfamily 2 group F member 6 protein (6-194AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NR2F6
Alternative Name:	NR2F6 (NR2F6 Products)
Background:	Background: 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).

Aliases: EAR 2 antibody, EAR-2 antibody, EAR2 antibody, ERBA RELATED 2 antibody, ERBA related gene 2 antibody, ERBAL2 antibody, Nr2f6 antibody, NR2F6_HUMAN antibody, Nuclear receptor subfamily 2 group F member 6 antibody, Orphan nuclear receptor EAR2 (V erbA related protein EAR 2) antibody, v erb a avian erythroblastic leukemia viral oncogene homolog like antibody, V erbA related protein EAR 2 antibody, V-erbA-related protein 2 antibody

UniProt:

P10588

Pathways:

Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway, Photoperiodism

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300

Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

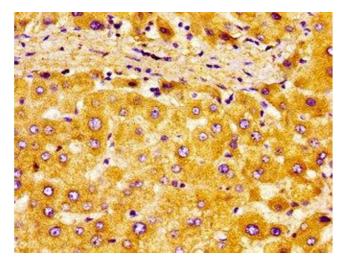
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

handled by trained staff only.

Handling

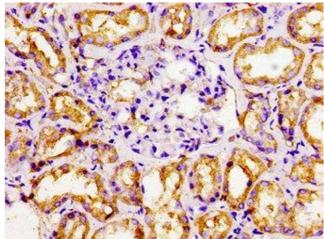
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7161906 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7161906 at dilution of 1:100