

anti- NR2F6 antibody

Product Information

Catalog No.:	FNab05844
Size:	100 μ g
Form:	liquid
Purification:	Protein A+G purification
Purity:	\geq 95% as determined by SDS-PAGE
Host:	Mouse
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20 $^{\circ}$ C for 24 months (Avoid repeated freeze / thaw cycles.)

Background

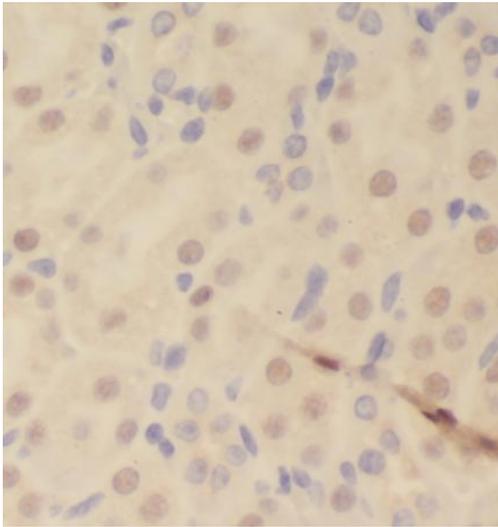
Transcription factor predominantly involved in transcriptional repression. Binds to promoter/enhancer response elements that contain the imperfect 5'-AGGTCA-3' direct or inverted repeats with various spacings which are also recognized by other nuclear hormone receptors. Involved in modulation of hormonal 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).

Immunogen information

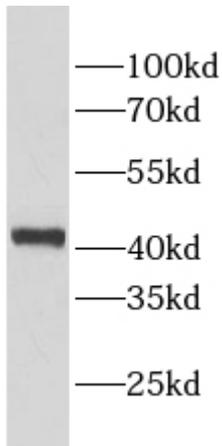
Immunogen:	nuclear receptor subfamily 2, group F, member 6
Synonyms:	EAR 2, EAR2, ERBAL2, NR2F6, V erbA related protein 2
Calculated MW:	42 kDa
Uniprot ID :	P10588

Application

Specificity:	Human; other species are not tested. Please decide the specificity by homology
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200
Image:	



Immunohistochemistry of paraffin-embedded human kidney using FNab05844(NR2F6 antibody) at dilution of 1:50



MCF-7 cells were subjected to SDS PAGE followed by western blot with FNab05844(NR2F6 Antibody) at dilution of 1:1000