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Datasheet for ABIN1539216

# anti-NR2F6 antibody (N-Term)



Image



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Background:

Quantity:	400 μL	
Target:	NR2F6	
Binding Specificity:	AA 25-53, N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This NR2F6 antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 25-53 amino acids from the N-terminal region of human NR2F6.	
Clone:	RB36666	
Isotype:	Ig Fraction	
Predicted Reactivity:	M, Rat	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	NR2F6	
Alternative Name:	NR2F6 (NR2F6 Products)	

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).

Molecular Weight:	42979
Gene ID:	2063
NCBI Accession:	NP_005225
UniProt:	P10588
Pathways:	Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway,
	Photoperiodism

#### **Application Details**

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

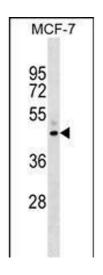
# Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

## Handling

Storage Comment:	NR2F6 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term	
	storage, keep at -20 °C.	
Expiry Date:	6 months	

### **Images**



#### **Western Blotting**

**Image 1.** NR2F6 Antibody (N-term) (ABIN1539216 and ABIN2848538) western blot analysis in MCF-7 cell line lysates (35  $\mu$ g/lane). This demonstrates the NR2F6 antibody detected the NR2F6 protein (arrow).