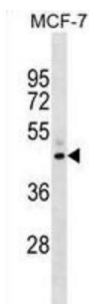


## Nuclear Receptor Subfamily 2 Group F Member 6 (NR2F6) Antibody

Catalogue No.: abx029116



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).

**Target:** Nuclear Receptor Subfamily 2 Group F Member 6 (NR2F6)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB

**Host:** Rabbit

**Recommended dilutions:** WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic peptide between 25-53 amino acids from the N-terminal region of human NR2F6.

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified through a protein A column, followed by peptide affinity purification.

# Datasheet

Version: 2.0.0  
Revision date: 18 Mar 2025



**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** P10588 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** NR2F6

**KEGG:** hsa:2063

**String:** [9606.ENSP00000291442](#)

**Molecular Weight:** Calculated MW: 43 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Specificity:** Predicted to react with Mouse and Rat NR2F6.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only