

**ARG58679**  
anti-NR2F6 antibodyPackage: 100 µl  
Store at: -20°C

### Summary

|                     |  |
|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes NR2F6  |
| Tested Reactivity   | Hu, Ms, Rat  |
| Tested Application  | WB   |
| Host                | Rabbit   |
| Clonality           | Polyclonal   |
| Isotype             | IgG  |
| Target Name         | NR2F6  |
| Species             | Human  |
| Immunogen           | Recombinant fusion protein corresponding to aa. 1-55 of Human NR2F6 (NP_005225.2).           |
| Conjugation         | Un-conjugated  |
| Alternate Names     | EAR-2; V-erbA-related protein 2; Nuclear receptor subfamily 2 group F member 6; ERBAL2; EAR2 |

### Application Instructions

|                   |  |                |
|-------------------|--|----------------|
| Application table | Application  | Dilution       |
|                   | WB   | 1:200 - 1:2000 |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |                |
| Positive Control  | Rat liver  |                |
| Observed Size     | 50 kDa   |                |

### Properties

|                     |   |
|---------------------|---|
| Form                | Liquid  |
| Purification        | Affinity purified.  |
| Buffer              | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.  |
| Preservative        | 0.02% Sodium azide  |
| Stabilizer          | 50% Glycerol  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.  |

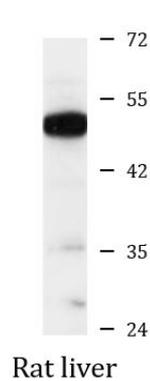
## Bioinformation

---

|                       |  |
|-----------------------|--|
| Gene Symbol           | NR2F6  |
| Gene Full Name        | nuclear receptor subfamily 2, group F, member 6  |
| 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). [UniProt] |
| Calculated Mw         | 43 kDa   |
| Cellular Localization | Nucleus. [UniProt]   |

## Images

---



ARG58679 anti-NR2F6 antibody WB image

Western blot: 25 µg of Rat liver lysate stained with ARG58679 anti-NR2F6 antibody at 1:1000 dilution.