

ARG45109 anti-TMEM119 antibody

Package: 100 µl
Store at: -20°C

Summary

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|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes TMEM119 |
| Tested Reactivity | Ms, Rat |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | TMEM119 |
| Species | Human |
| Immunogen | Recombinant protein corresponding to amino acids 160-270 of human TMEM119 |
| Conjugation | Un-conjugated |
| Alternate Names | TMEM119; Transmembrane Protein 119; OBIF; Osteoblast Induction Factor |

Application Instructions

| | | |
|-------------------|--|----------------|
| Application table | Application | Dilution |
| | WB | 1:500 - 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

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|---------------------|--|
| Form | Liquid |
| Purification | Affinity Purification |
| Buffer | PBS, 0.05% ProClin 300 and 50% glycerol |
| Preservative | 0.05% proclin300 |
| 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 or below. 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

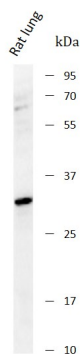
| | |
|-------------|---------|
| Gene Symbol | TMEM119 |
|-------------|---------|

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|-----------------------|--|
| Gene Full Name | Transmembrane Protein 119 |
| Background | Involved in positive regulation of bone mineralization; positive regulation of osteoblast differentiation; and positive regulation of osteoblast proliferation. Located in plasma membrane. [provided by Alliance of Genome Resources, Apr 2022] |
| Function | RUNX2 pathway. Up-regulates the expression of ATF4, a transcription factor which plays a central role in osteoblast differentiation. Essential for normal spermatogenesis and late testicular differentiation. [Uniprot] |
| Calculated Mw | 29 kDa |
| PTM | Glycoprotein, Phosphoprotein, Proteoglycan. [Uniprot] |
| Cellular Localization | Cell membrane, Cytoplasm, Endoplasmic reticulum, Membrane, Secreted. [Uniprot] |

Images

ARG45109 anti-TMEM119 antibody WB image

Western blot: Rat lung stained with ARG45109 anti-TMEM119 antibody at 1:1000 dilution.



ARG45109 anti-TMEM119 antibody WB image

Western blot: Mouse lung stained with ARG45109 anti-TMEM119 antibody at 1:1000 dilution.

