

ARG45109 anti-TMEM119 antibody

Package: 100 µl
Store at: -20°C

Summary

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

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.

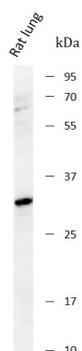
Bioinformation

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]

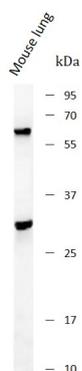
Images

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.