bs-18922R **[Primary Antibody]**

TMEM175 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 84286 **SWISS:** Q9BSA9

Target: TMEM175

Immunogen: KLH conjugated synthetic peptide derived from human TM175: 231-330/504.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: TMEM175 (Transmembrane Protein 175) is a Protein Coding gene.

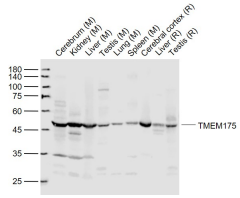
Applications: **WB** (1:500-2000)

Reactivity: Mouse, Rat (predicted: Human)

Predicted MW.: 56 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Lane 1: Cerebrum (Mouse) Lysate at 40 ug Lane 2: Kidney (Mouse) Lysate at 40 ug Lane 3: Liver (Mouse) Lysate at 40 ug Lane 4: Testis (Mouse) Lysate at 40 ug Lane 5: Lung (Mouse) Lysate at 40 ug Lane 6: Spleen (Mouse) Lysate at 40 ug Lane 7: Cerebral cortex (Rat) Lysate at 40 ug Lane 8: Liver (Rat) Lysate at 40 ug Lane 9: Testis (Rat) Lysate at 40 ug Primary: Anti-TMEM175 (bs-18922R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56/43 kD Observed band size: 45 kD

SELECTED CITATIONS

- **[IF=5.682]** Palomba, Nicole Piera. et al. Common and Rare Variants in TMEM175 Gene Concur to the Pathogenesis of Parkinson’s Disease in Italian Patients. MOL NEUROBIOL. 2023 Jan;:1-24 IHC ;Mouse. 36609826
- **[IF=5.8]** Prem Swaroop Yadav. et al. Phosphate-induced activation of VEGFR2 leads to caspase-9-mediated apoptosis of hypertrophic chondrocytes. ISCIENCE. 2023 Sep;26:107548 WB ;Mouse. 10.1016/j.isci.2023.107548

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.