

**bs-6286R****[ Primary Antibody ]****TMPRSS4 Rabbit pAb****BioSS**  
**ANTIBODIES**

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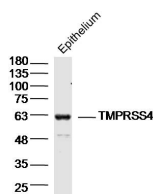
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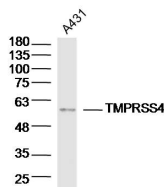
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human, Mouse (predicted: Rat, Dog, Horse)
<b>GeneID:</b> 56649	<b>SWISS:</b> Q9NRS4	
<b>Target:</b> TMPRSS4		<b>Predicted MW.:</b> 48 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human TMPRSS4: 84-130/437.		<b>Subcellular Location:</b> Cell membrane
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> TMPRSS4 is a member of the peptidase S1 family and contains 1 LDL receptor class A domain, 1 peptidase S1 domain and 1 SRCR domain. It is a probable membrane protease capable of activating ENaC and may process sodium channels in endothelial cells. TMPRSS4 is overexpressed in thyroid neoplasms, and splice variants in TMPRSS4 are thought to be linked with different cancers. Three named isoforms are produced by alternative splicing.		

**— VALIDATION IMAGES —**

Sample: Epithelium (Mouse) Lysate at 40 ug  
Primary: Anti-TMPRSS4(bs-6286R) at 1/300  
dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48kD Observed band size: 60kD



Sample: A431 (Human) Cell Lysate at 40 ug  
Primary: Anti-TMPRSS4(bs-6286R) at 1/300  
dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48kD Observed band size: 55kD

**— SELECTED CITATIONS —**

- **[IF=0]** Wei Wang. et al. Unveiling the impact of C15orf48 on non-small cell lung cancer through NF-kappa B signaling. Biomolecules and Biomedicine. 2024 Nov;; WB ;Human. 39576886
- **[IF=0]** Wei Wang. et al. Unveiling the impact of C15orf48 on non-small cell lung cancer through NF-kappa B signaling. BIOMOLECULES AND BIOMEDICINE. 2024 Nov 22. Western blot ;Human. 39576886