

**bs-11770R****[ Primary Antibody ]****TMEM158 Rabbit pAb****Bioss**  
ANTIBODIES

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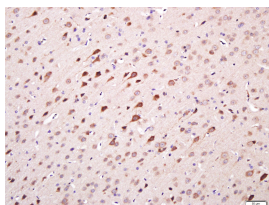
sales@bioss.com.cn

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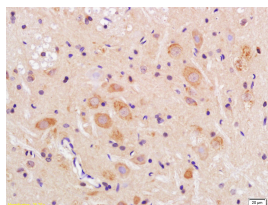
400-901-9800

**— DATASHEET —**

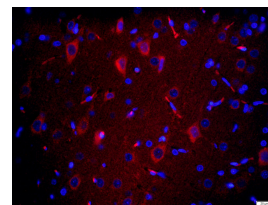
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>Flow-Cyt</b> (1µg/Test)  <b>Reactivity:</b> Mouse, Rat (predicted: Human, Pig, Cow, Chicken)  <b>Predicted MW.:</b> 28 kDa  <b>Subcellular Location:</b> Cell membrane
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 25907	<b>SWISS:</b> Q8WZ71	
<b>Target:</b> TMEM158		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human TMEM158: 188-260/300.		
<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> TMEM158 is a 286 amino acid protein encoded by a gene mapping to human chromosome 3. Chromosome 3 is made up of about 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.		

**— VALIDATION IMAGES —**

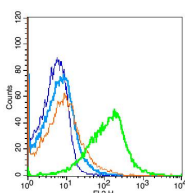
Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TMEM158) Polyclonal Antibody, Unconjugated (bs-11770R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



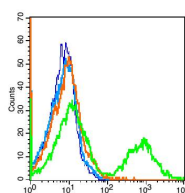
Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-TMEM158 Polyclonal Antibody, Unconjugated(bs-11770R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TMEM158) Polyclonal Antibody, Unconjugated (bs-11770R) at 1:400 overnight at 4°C, followed by a conjugated secondary (bs-0295G-Cy3) at [1:500] for 90 minutes and DAPI staining of the nuclei.



Blank control: Mouse spleen cells(blue). Primary Antibody: Rabbit Anti-TMEM158



Blank control: Mouse heart cells(blue). Primary Antibody: Rabbit Anti-TMEM158

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

antibody(bs-11770R), Dilution: 5µg in 100 µL 1X  
PBS containing 0.5% BSA; Isotype Control  
Antibody: Rabbit IgG (orange) ,used under the  
same conditions. Secondary Antibody: Goat  
anti-rabbit IgG-PE(white blue), Dilution: 1:200 in  
1 X PBS containing 0.5% BSA.

antibody(bs-11770R), Dilution: 1µg in 100 µL 1X  
PBS containing 0.5% BSA; Isotype Control  
Antibody: Rabbit IgG (orange) ,used under the  
same conditions. Secondary Antibody: Goat  
anti-rabbit IgG-PE(white blue), Dilution: 1:200 in  
1 X PBS containing 0.5% BSA.