

**bs-22872R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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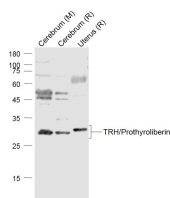
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**TRH/Prothyroliberin Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Pig, Dog, Horse)
<b>GeneID:</b> 7200	<b>SWISS:</b> P20396	<b>Predicted MW.:</b> 24 kDa
<b>Target:</b> TRH/Prothyroliberin		<b>Subcellular Location:</b> Secreted
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human TRH/Prothyroliberin: 131-240/242.		
<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> Thyrotropin releasing hormone (TRH) is a tripeptide hormone that stimulates the release of thyroid stimulating hormone and prolactin by the anterior pituitary. TRH is produced by the hypothalamus and travels across the median eminence to the pituitary via the hypophyseal portal system. In addition to the brain, TRH can also be detected in other areas of the body including the gastrointestinal system and pancreatic islets.  pGlu-His-Pro Amide, C18H26N6O6 L-Pyroglutamyl-L-histidyl-L-prolinamide Molecular Weight:422.44		

**— VALIDATION IMAGES —**

Sample: Lane 1: Cerebrum (Mouse) Lysate at 40 ug  
Lane 2: Cerebrum (Rat) Lysate at 40 ug  
Lane 3: Uterus (Rat) Lysate at 40 ug  
Primary: Anti-TRH/Prothyroliberin (bs-22872R) at 1/1000  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 27 kD  
Observed band size: 27 kD