

**bs-17134R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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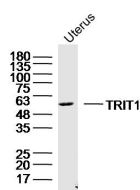
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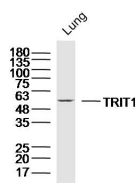
400-901-9800

**TRIT1 Rabbit pAb****— DATASHEET —**

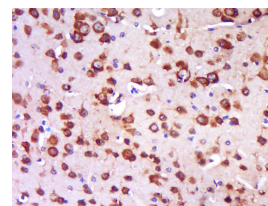
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 54802	<b>SWISS:</b> Q9H3H1	
<b>Target:</b> TRIT1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human TRIT1: 121-220/467.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse)
<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> Catalyzes the transfer of a dimethylallyl group onto the adenine at position 37 of both cytosolic and mitochondrial tRNAs, leading to the formation of N6-(dimethylallyl)adenosine (i(6)A).		
		<b>Predicted MW.:</b> 48 kDa  <b>Subcellular Location:</b> Cytoplasm

**— VALIDATION IMAGES —**

Sample: Uterus(Mouse) Lysate at 40 ug Primary:  
 Anti-TRIT1(bs-17134R) at 1/300 dilution  
 Secondary: IRDye800CW Goat Anti-RabbitIgG at  
 1/20000 dilution Predicted band size: 48kD  
 Observed band size: 53kD



Sample: Lung(Mouse)Lysate at 40 ug Primary:  
 Anti-TRIT1(bs-17134R) at 1/300 dilution  
 Secondary: IRDye800CW Goat Anti-RabbitIgG at  
 1/20000 dilution Predicted band size: 48kD  
 Observed band size: 53kD



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); 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 (TRIT1) Polyclonal Antibody, Unconjugated (bs-17134R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.