

bs-6222R**[Primary Antibody]****THRA1+2 Rabbit pAb****Bioss**
ANTIBODIES

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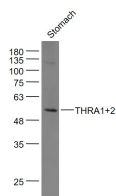
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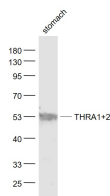
400-901-9800

— DATASHEET —

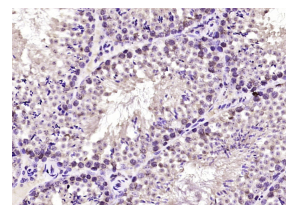
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat, Pig, Sheep, Cow, Zebrafish, Chicken, Dog, Cat) Predicted MW.: 55 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 7067	SWISS: P10827	
Target: THRA1+2		
Immunogen: KLH conjugated synthetic peptide derived from human THRA1 and THRA2: 101-200/490.		
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: The protein encoded by this gene is a nuclear hormone receptor for triiodothyronine. It is one of the several receptors for thyroid hormone, and has been shown to mediate the biological activities of thyroid hormone. Knockout studies in mice suggest that the different receptors, while having certain extent of redundancy, may mediate different functions of thyroid hormone. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008].		

— VALIDATION IMAGES —

Sample: Stomach (Mouse) Lysate at 40 ug
 Primary: Anti-THRA1+2 (bs-6222R) at 1/1000
 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 55 kD Observed band size: 55 kD



Sample: Stomach (Mouse) Lysate at 40 ug
 Primary: Anti- THRA1+2 (bs-6222R) at 1/1000
 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 55 kD Observed band size: 53 kD



Paraformaldehyde-fixed, paraffin embedded (mouse testis 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 (THRA1+2) Polyclonal Antibody, Unconjugated (bs-6222R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=3.184]** Gan S et al. Triiodothyronine attenuates silica-induced oxidative stress, inflammation, and apoptosis via thyroid hormone receptor α in differentiated THP-1 macrophages. Chem Res Toxicol . 2020 May 18;33(5):1256-1265. WB ;human. 32223187