

bs-0507R**[Primary Antibody]****BioSS**
ANTIBODIES

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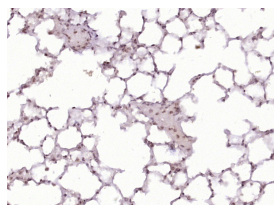
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TBX2 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Cow, Dog) Predicted MW.: 74 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 6909	SWISS: Q13207	
Target: TBX2		
Immunogen: KLH conjugated synthetic peptide derived from human TBX2: 401-500/702.		
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: This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene product is the human homolog of mouse Tbx2, and shares strong sequence similarity with Drosophila omb protein. Expression studies indicate that this gene may have a potential role in tumorigenesis as an immortalizing agent. Transcript heterogeneity due to alternative polyadenylation has been noted for this gene.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded
(Mouse lung); 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 (TBX2) Polyclonal Antibody,
Unconjugated (bs-0507R) 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]** Li Genhong. et al. Simvastatin Preferentially Targets FLT3/ITD Acute Myeloid Leukemia by Inhibiting MEK/ERK and p38-MAPK Signaling Pathways. DRUGS R&D. 2023 Oct;;1-13 WB ;Human. 37847357