

bs-2441R**[Primary Antibody]****TWIST Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

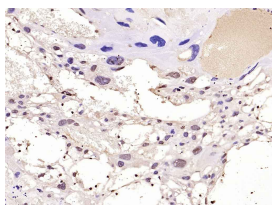
sales@bioss.com.cn

techsupport@bioss.com.cn

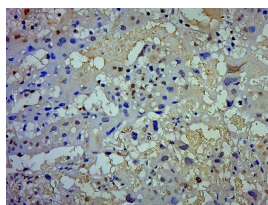
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 7291	SWISS: Q15672	IF (1:100-500)
Target: TWIST		Reactivity: Mouse, Rat (predicted: Human)
Immunogen: KLH conjugated synthetic peptide derived from human TWIST: 71-170/202.		
Purification: affinity purified by Protein A		Predicted MW.: 23 kDa
Concentration: 1mg/ml		Subcellular Location: Nucleus
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: Basic helix-loop-helix (bHLH) transcription factors have been implicated in cell lineage determination and differentiation. The protein encoded by this gene is a bHLH transcription factor and shares similarity with another bHLH transcription factor, Dermo1. The strongest expression of this mRNA is in placental tissue; in adults, mesodermally derived tissues express this mRNA preferentially. Mutations in this gene have been found in patients with Saethre-Chotzen syndrome. [provided by RefSeq, Jul 2008].		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (rat placenta); 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 (TWIST) Polyclonal Antibody, Unconjugated (bs-2441R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse placenta); 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 (TWIST) Polyclonal Antibody, Unconjugated (bs-2441R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

— SELECTED CITATIONS —

- **[IF=10.679]** Pan J et al. lncRNA JPX/miR-33a-5p/Twist1 axis regulates tumorigenesis and metastasis of lung cancer by activating Wnt/ β -catenin signaling. Mol Cancer. 2020 Jan 15;19(1):9. IHC ;Mouse. 31941509
- **[IF=9.7]** Qianyu Shi. et al. Direct contact between tumor cells and platelets initiates a FAK-dependent F3/TGF- β positive feedback loop that promotes tumor progression and EMT in osteosarcoma. CANCER LETT. 2024 Jun;591:216902 IF ;Human,Mouse. 38641310
- **[IF=7.3]** Jinhua Gu. et al. Deciphering the mechanism of Peptostreptococcus anaerobius-induced chemoresistance in colorectal cancer: the important roles of MDSC recruitment and EMT activation. FRONT IMMUNOL. 2023; 14: 1230681 WB

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

;Mouse. 37781363

- **[IF=7.333]** Shen et al. Ube2v1-mediated ubiquitination and degradation of Sirt1 promotes metastasis of colorectal cancer by epigenetically suppressing autophagy. (2018) J.Hematol.Oncol. 11:95 WB ;Human. 30016968
- **[IF=6.1]** E-Li Wang, et al. Cerebellin-2 promotes endothelial-mesenchymal transition in hypoxic pulmonary hypertension rats by activating NF- κ B/HIF-1 α /Twist1 pathway. LIFE SCI. 2023 Sep;328:121879 WB ;Rat,Human. 37355224