

Twist2 Rabbit pAb

Catalog Number: bs-4173R

Target Protein: Twist2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Chicken, Horse)

Predicted MW: 18 kDa

Entrez Gene: 117581

Swiss Prot: Q8WVJ9

Source: KLH conjugated synthetic peptide derived from human Twist2: 75-160/160.

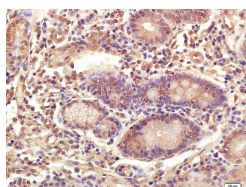
Purification: affinity purified by Protein A

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: Twist2 (Twist homolog 2) is a basic helix-loop-helix (bHLH) transcription factor which acts as a transcriptional repressor. It binds to the E-box consensus sequence 5'-CANNTG-3' and inhibits transcriptional activation by MYOD1, MYOG, MEF2A and MEF2C. Efficient DNA binding requires dimerization with another bHLH protein. Twist2 inhibits the premature or ectopic differentiation of preosteoblast cells during osteogenesis.

VALIDATION IMAGES



Tissue/cell: human colon carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Twist2 Polyclonal Antibody, Unconjugated (bs-4173R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.304] Yawei Wang. et al. Distinct Ring1b complexes defined by DEAD-box helicases and EMT transcription factors synergistically

enhance E-cadherin silencing in breast cancer. Cell Death Dis. 2021 Feb;12(2):1-14 WB ; Human . 33608512