

**MB0018**

**TWIST1 Antibody**



- 50ul
- 100 uL

<b>Order</b>	021-34695924 orders@ab-mart.com
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### **Description:**

Acts as a transcriptional regulator. Inhibits myogenesis by sequestering E proteins, inhibiting trans-activation by MEF2, and inhibiting DNA-binding by MYOD1 through physical interaction. This interaction probably involves the basic domains of both proteins. Also represses expression of proinflammatory cytokines such as TNFA and IL1B. Regulates cranial suture patterning and fusion. Activates transcription as a heterodimer with E proteins. Regulates gene expression differentially, depending on dimer composition. Homodimers induce expression of FGFR2 and POSTN while heterodimers repress FGFR2 and POSTN expression and induce THBS1 expression. Heterodimerization is also required for osteoblast differentiation. Represses the activity of the circadian transcriptional activator: NPAS2-ARNTL/BMAL1 heterodimer (By similarity).

**Uniprot :** Q15672

### **Alternative Names:**

ACS3; B-HLH DNA binding protein; bHLHa38; BPES2; BPES3; Class A basic helix-loop-helix protein 38; CRS; CRS1; CSO; H-twist; OTTHUMP00000116043; SCS; TWIST; Twist basic helix loop helix transcription factor 1; Twist family bHLH transcription factor 1; Twist homolog 1 (Drosophila); Twist homolog 1; TWIST homolog of drosophila; Twist related protein 1; Twist-related protein 1; TWIST1; TWST1\_HUMAN;

### **Specificity:**

TWIST1 antibody detects endogenous levels of total TWIST1.

**Reactivity :** Human

**Source :** Mouse

**Mol.Wt. :** 21kD; 21kDa(Calculated).

### **Storage Condition:**

Store at -20 °C. Stable for 12 months from date of receipt.

### **Application:**

WB,ELISA

**Recommended dilution**

WB 1:500-1:2000 ELISA 1: 2000