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Datasheet for ABIN5689370 anti-TWIST2 antibody (AA 26-30)

Overview

Quantity:	0.1 mg
Target:	TWIST2
Binding Specificity:	AA 26-30
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TWIST2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Twist2 antibody was raised against a peptide sequence around aa.26~30 (P-K-R-F-G) derived from Human Twist2.
Specificity:	This antibody detects endogenous level of total Twist2 protein.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	TWIST2
Alternative Name:	Twist2 (TWIST2 Products)
Background:	Binds to the E-box consensus sequence 5'-CANNTG-3' as a heterodimer and inhibits transcriptional activation by MYOD1, MYOG, MEF2A and MEF2C. Also represses expression of proinflammatory cytokines such as TNFA and IL1B. Involved in postnatal glycogen storage and

Target Details

energy metabolism. Inhibits the premature or ectopic differentiation of preosteoblast cells during osteogenesis, possibly by changing the internal signal transduction response of osteoblasts to external growth factors.

Molecular Weight: 18 kDa

Gene ID: 117581

NCBI Accession: [NP_476527](#)

UniProt: [Q8WVJ9](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Western Blot: 1:500~1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Antibody supplied in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store antibody at -20°C for up to one year.