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Datasheet for ABIN7138153 anti-TWIST2 antibody

Image



### Overview

Quantity:	100 µL
Target:	TWIST2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TWIST2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

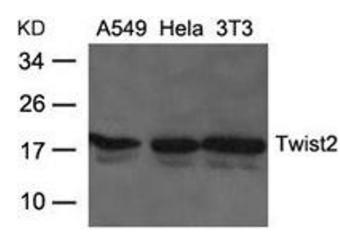
Immunogen:	Peptide sequence around aa.26~30(P-K-R-F-G) derived from Human Twist2.
lsotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

## Target Details

Target:	TWIST2
Alternative Name:	TWIST2 (TWIST2 Products)
Background:	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

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proinflammatory cytokines such as TNFA and IL1B. Involved in postnatal glycogen storage and
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.
Lee M.S., Lowe G., Flanagan S., Kuchler K., Glackin C.A.Bone 27:591-602(2000)
Aliases: bHLHa39 antibody, Class A basic helix-loop-helix protein 39 antibody, Dermis
expressed protein 1 antibody, Dermis-expressed protein 1 antibody, DERMO 1 antibody, Dermo-
1 antibody, DERMO1 antibody, MGC117334 antibody, Twist 2 antibody, Twist homolog 2
(Drosophila) antibody, Twist homolog 2 antibody, Twist related bHLH protein Dermo1 antibody,
Twist related protein 2 antibody, Twist-related protein 2 antibody, Twist2 antibody,
TWST2_HUMAN antibody
Q8WVJ9
Chromatin Binding
WB:1:500-1:1000,
WB:1:500-1:1000, For Research Use only
For Research Use only
For Research Use only Liquid
For Research Use only         Liquid         Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM
For Research Use only         Liquid         Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
For Research Use only         Liquid         Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.         Sodium azide
For Research Use only         Liquid         Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM         NaCl, 0.02 % sodium azide and 50 % glycerol.         Sodium azide         This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which



#### Western Blotting

**Image 1.** Western blot analysis of extracts from A549, Hela and 3T3 cells using Twist2 Antibody.

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