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Datasheet for ABIN7120433

anti-TWIST2 antibody

Overview

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

Product Details

Immunogen:	twist homolog 2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	TWIST2
Alternative Name:	TWIST2 (TWIST2 Products)
Background:	Synonyms:BHLHa39, Dermis expressed protein 1, Dermo 1, DERMO1, twist homolog 2(Drosophila), Twist related protein 2, TWIST2 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

Target Details

TNFA and IL1B. Involved in postnatal glycogen storage and energy metabolism(By similarity). 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:	21 kDa, 65 kDa
Gene ID:	117581
UniProt:	Q8WVJ9
Pathways:	Chromatin Binding

Application Details

Application Notes:	WB: 1:200-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months