



[Go to Product page](#)

Datasheet for ABIN7271109  
**anti-TWIST2 antibody (AA 1-70)**

1 Image

Overview

Quantity:	100 µL
Target:	TWIST2
Binding Specificity:	AA 1-70
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TWIST2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	TWIST2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-70 of human TWIST2 (NP_476527.1).
Sequence:	MEEGSSSPVS PVDSLGTSEE ELERQPKRFG RKRRYSKKSS EDGSPTPGKR GKKGSPSAQS FEELQSQRIL
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	TWIST2
Alternative Name:	TWIST2 ( <a href="#">TWIST2 Products</a> )
Background:	<p>The protein encoded by this gene is a basic helix-loop-helix type transcription factor and shares similarity with Twist. This protein may inhibit osteoblast maturation and maintain cells in a preosteoblast phenotype during osteoblast development. This gene may be upregulated in certain cancers. Mutations in this gene cause focal facial dermal dysplasia 3, Setleis type. Two transcript variants encoding the same protein have been found.,TWIST2,AMS,BBRSAY,DERMO1,FFDD3,SETLSS,bHLHa39,Epigenetics &amp; Nuclear Signaling,Transcription Factors,Stem Cells,Mesenchymal Stem Cells,TWIST2</p>
Molecular Weight:	18kDa
Gene ID:	117581
UniProt:	<a href="#">Q8WVJ9</a>
Pathways:	<a href="#">Chromatin Binding</a>

## Application Details

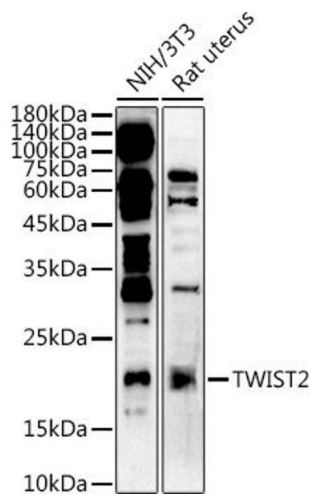
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,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:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.