

Datasheet for ABIN1109414 **anti-TWIST1 antibody**

[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	TWIST1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TWIST1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Clone:	3-00E-010
Isotype:	IgG1
Specificity:	Reacts with Human 21 kDa TWIST1 protein. Cross reacts with Mouse, Rat and other species. It does not cross reacts with Twist-2.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse, Rat. Species reactivity (tested):Human.
Purification:	Protein A Chromatography

Target Details

Target:	TWIST1
Alternative Name:	TWIST1 (TWIST1 Products)

Target Details

Background:	Basic helix-loop-helix (bHLH) transcription factors have been implicated in cell lineage determination and differentiation. TWIST1 is a bHLH transcription factor and shares similarity with another bHLH transcription factor, Dermo1. The strongest expression of this mRNA is in placental tissue, in adults, mesodermally derived tissues express this mRNA preferentially. Mutations in this gene have been found in patients with Saethre-Chotzen syndrome.Synonyms: BHLHA38, Class A basic helix-loop-helix protein 38, TWIST, Twist-related protein 1
Gene ID:	7291
Pathways:	p53 Signaling , Proton Transport , Tube Formation , Negative Regulation of Transporter Activity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore with 0.1 mL distilled water to receive a concentration of 1 mg/mL.
Buffer:	0.1 M Tris, 0.1 M Glycine and 2 % Sucrose, None