

Datasheet for ABIN1109415
anti-TWIST1 antibody (N-Term)



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1 Image

Overview

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

Product Details

Immunogen:	Synthetic peptide derived from N-terminal domain of Human Twist-1 protein
Specificity:	This antibody reacts with Human 21 kDa TWIST1 protein. It Does not cross reacts with Twist-2.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse, Rat. Species reactivity (tested):Human.
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	TWIST1
Alternative Name:	TWIST1 (TWIST1 Products)

Target Details

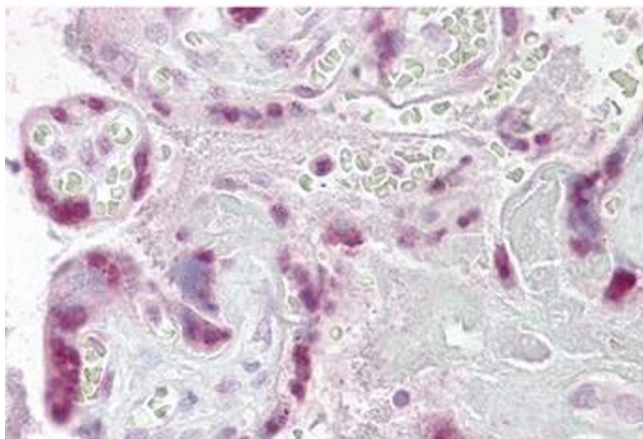
Background:	Basic helix-loop-helix (bHLH) transcription factors have been implicated in cell lineage determination and differentiation. TWIST1 is a bHLH transcription factor and shares similarity with another bHLH transcription factor, Dermo1. The strongest expression of this mRNA is in placental tissue, 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
NCBI Accession:	NP_000465
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 in distilled water.
Buffer:	0.1 M Tris, 0.1 M Glycine and 2 % Sucrose, None
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Prior to reconstitution store the antibody at -20 °C. Store reconstituted antibody at 2-8 °C for one month or (in aliquots) at -20 °C for longer



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Placenta stained by Twist-1 antibody *Cat.-No* AP55360PU-N in Immunohistochemistry on Paraffin Sections