Datasheet for ABIN2777932

anti-TWIST1 antibody (N-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	TWIST1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TWIST1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human TWIST1
Sequence:	DSLSNSEEEP DRQQPPSGKR GGRKRRSSRR SAGGGAGPGG AAGGGVGGGD
Predicted Reactivity:	Cow: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 83%
Characteristics:	This is a rabbit polyclonal antibody against TWIST1. It was validated on Western Blot.
Purification:	Affinity Purified

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. The protein encoded by this gene 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. Alias Symbols: ACS3, BPES2, BPES3, CRS1, SCS, TWIST, bHLHa38 Protein Interaction Partner: UBC, HOXA5, ETS2, TP53, KAT2B, SETD8, HES6, MTA2, BRAP, TCF3, RELA, PPP2CA, HDAC2, CHD3, TWIST2, ELSPBP1, WDR5, HDAC3, RBBP7, CHD4, SOX2, EP300, TWIST1, GLI3, MYOD1, Protein Size: 202
Molecular Weight:	22 kDa
Gene ID:	7291
NCBI Accession:	NM_000474, NP_000465
UniProt:	Q15672
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

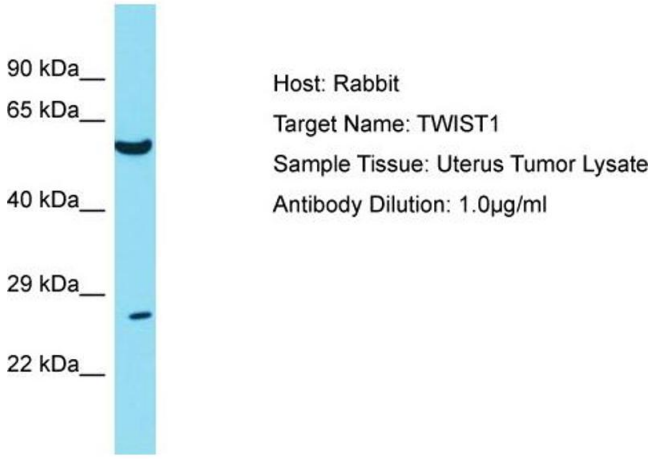
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: TWIST1 Sample Tissue: Human Uterus Tumor Antibody Dilution: 1ug/ml