

Datasheet for ABIN7453340

Recombinant anti-TWIST1 antibody (AA 1-50)



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Overview

Quantity:	100 µL
Target:	TWIST1
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This TWIST1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Rabbit anti-TWIST Recombinant Monoclonal Antibody [BLR156J]
Immunogen:	between AA 1 and 50
Clone:	BLR156J
Isotype:	IgG

Target Details

Target:	TWIST1
Alternative Name:	TWIST1 (TWIST1 Products)
Background:	Background: TWIST1 is a basic helix-loop-helix (bHLH) transcription factor that plays an

Target Details

important role in embryonic development. TWIST1 forms both homodimers and heterodimers that bind to DNA E box sequences and regulate the transcription of genes involved in cranial suture closure during skull development. TWIST1 may also regulate neural tube closure, limb development and brown fat metabolism. The TWIST1 gene is hypermethylated and overexpressed in multiple human cancers, and the encoded protein promotes tumor cell invasion and metastasis, as well as metastatic recurrence. [taken from NCBI Entrez Gene (Gene ID: 7291)].

Gene ID:	7291
NCBI Accession:	NP_000465
UniProt:	Q15672
Pathways:	p53 Signaling , Proton Transport , Tube Formation , Negative Regulation of Transporter Activity

Application Details

Application Notes:	IP: 20 µL/1 mg lysate ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections. WB: 01:01,00
Restrictions:	For Research Use only

Handling

Concentration:	250 µg/mL
Buffer:	Phosphate Buffered Saline (PBS) containing 0.2 % BSA and 0.09 % Sodium Azide
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:	4 °C
Expiry Date:	12 months