



## Anti-TWIST2 (aa 1-100) polyclonal antibody (CABT-BL3705)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Human Twist2.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC/IF, WB
<b>Cellular Localization</b>	Nucleus. Cytoplasm. Mainly nuclear during embryonic development. Cytoplasmic in adult tissues.
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	1% BSA, PBS, pH 7.4
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

### BACKGROUND

## Introduction

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. [provided by RefSeq, Apr 2014]

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## GENE INFORMATION

Entrez Gene ID	<a href="#">117581</a>
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Protein Refseq	<a href="#">NP_476527</a>
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UniProt ID	<a href="#">A0A024R4D4</a>
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