

For Research Use Only

TWIST2 Polyclonal antibody

Catalog Number: 11752-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number:

11752-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2348

GenBank Accession Number:

BC033168

GeneID (NCBI):

117581

UNIPROT ID:

Q8WVJ9

Full Name:

twist homolog 2 (Drosophila)

Calculated MW:

160 aa, 18 kDa

Observed MW:

21 kDa, 60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB: NIH/3T3 cells, MCF-7 cells, mouse liver tissue

Background Information

TWIST2, also named as BHLHA39 and Dermo1, is a basic helix-loop-helix protein which acts as a transcriptional regulator, plays a central role in differentiation of mesodermal during embryogenesis. TWIST2 inhibits the premature or ectopic differentiation of preosteoblast cells during osteogenesis, possibly by changing the internal signal transduction response of osteoblasts to external growth factors. It is also implicated in tumorigenesis, invasion and metastasis. TWIST2 forms both homodimers (45KD) and heterodimers with E2A E proteins, and dimer partner selection is a critical mediator of TWIST function. (PMID:14724576, 16502419).

Notable Publications

Author	Pubmed ID	Journal	Application
Rongkun Li	34568024	Front Oncol	WB
Jinqi Lv	34746118	Front Cell Dev Biol	WB
Yu-En Tan	33206629	Aging (Albany NY)	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

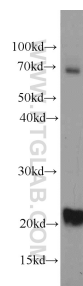
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 11752-1-AP (TWIST2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.