

For Research Use Only

TWIST1 Polyclonal antibody

Catalog Number: 18125-1-AP

19 Publications



Basic Information

Catalog Number:

18125-1-AP

Size:

150ul, Concentration: 300 µg/ml by Nanodrop and 167 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12700

GenBank Accession Number:

BC036704

GeneID (NCBI):

7291

UNIPROT ID:

Q15672

Full Name:

twist homolog 1 (Drosophila)

Calculated MW:

202 aa, 21 kDa

Observed MW:

22 kDa, 28 kDa, 45-60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human

Cited Species:

human, rat, mouse

Positive Controls:

WB : PC-3 cells, MCF-7 cells, SGC-7901 cells

Background Information

Twist1, a basic helix-loop-helix protein which acts as a transcriptional regulator, plays a central role in differentiation of mesodermal during embryogenesis. It is also implicated in tumorigenesis, invasion and metastasis. Twist1 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
Zhaowen Wang	27628214	Sci Rep	WB
Limin Liu	35664054	Theranostics	IHC,IF
Hongda Liu	28295012	Sci Rep	WB

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

*** 20ul sizes contain 0.1% BSA

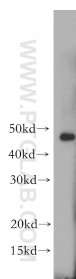
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 18125-1-AP (TWIST1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.