

For Research Use Only

FOXN3 Polyclonal antibody

Catalog Number: 25399-1-AP

1 Publications



Basic Information

Catalog Number:

25399-1-AP

Concentration:

850 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21929

GenBank Accession Number:

BC007506

GeneID (NCBI):

1112

UNIPROT ID:

O00409

Full Name:

forkhead box N3

Calculated MW:

490 aa, 54 kDa

Observed MW:

54 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : HEK-293 cells, HepG2 cells, mouse embryo tissue

IF/ICC : U2OS cells,

Background Information

As transcriptional regulators, the FOX protein family regulates the development of tissues, embryos as well as carbohydrate and lipid metabolism. Forkhead box N3 (FOXN3), also known as checkpoint suppressor 1 (CHES1), is initially identified from yeast and belongs to the FOX protein family as it contains a conserved FOX DNA binding domain in its N-terminal (PMID: 36450706). FOXN3 had been dysregulated in many types of malignancies including melanoma, osteosarcoma, hepatocellular carcinoma and breast cancer, and its expression level is strongly associated with progression and prognosis of patients (PMID: 31214487).

Notable Publications

Author	Pubmed ID	Journal	Application
Jinjin Yu	39984467	Nat Commun	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

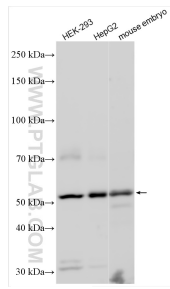
T: 4006900926

E: Proteintech-CN@ptglab.com

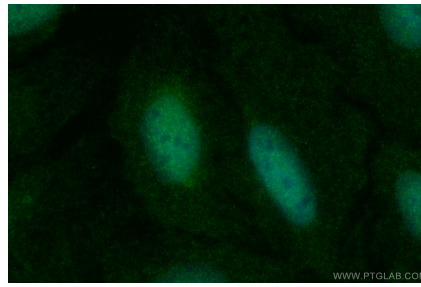
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25399-1-AP (FOXN3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using FOXN3 antibody (25399-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).