

For Research Use Only

FOXN3 Polyclonal antibody

Catalog Number: 25399-1-AP



Basic Information

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|---------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------|
| Catalog Number: 25399-1-AP | GenBank Accession Number: BC007506 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 850 µg/ml by Nanodrop; | GeneID (NCBI): 1112 | Recommended Dilutions: WB 1:200-1:1000 IF 1:200-1:800 |
| Source: Rabbit | Full Name: forkhead box N3 | |
| Isotype: IgG | Calculated MW: 490 aa, 54 kDa | |
| Immunogen Catalog Number: AG21929 | Observed MW: 54 kDa | |

Applications

| | |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Tested Applications: IF, WB, ELISA | Positive Controls: WB : HEK-293 cells, HepG2 cells, mouse embryo tissue IF : U2OS cells, |
| Species Specificity: human, mouse | |

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).

Storage

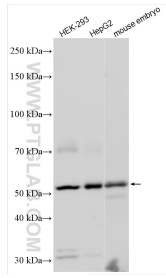
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.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 AffiniPure Goat Anti-Rabbit IgG(H+L).