

**FOXN3 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP19255B**

**Specification**

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**FOXN3 Antibody (C-term) - Product Information**

|                   |                             |
|-------------------|-----------------------------|
| Application       | IF, WB,E                    |
| Primary Accession | <a href="#">O00409</a>      |
| Other Accession   | <a href="#">NP_005188.2</a> |
| Reactivity        | Human                       |
| Host              | Rabbit                      |
| Clonality         | Polyclonal                  |
| Isotype           | Rabbit IgG                  |
| Antigen Region    | 380-408                     |

**FOXN3 Antibody (C-term) - Additional Information**

**Gene ID** 1112

**Other Names**

Forkhead box protein N3, Checkpoint suppressor 1, FOXN3, C14orf116, CHES1

**Target/Specificity**

This FOXN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 380-408 amino acids from the C-terminal region of human FOXN3.

**Dilution**

IF~~1:10~50

WB~~1:2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

FOXN3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**FOXN3 Antibody (C-term) - Protein Information**

**Name** FOXN3

**Synonyms** C14orf116, CHES1

**Function** Acts as a transcriptional repressor. May be involved in DNA damage-inducible cell cycle arrests (checkpoints).

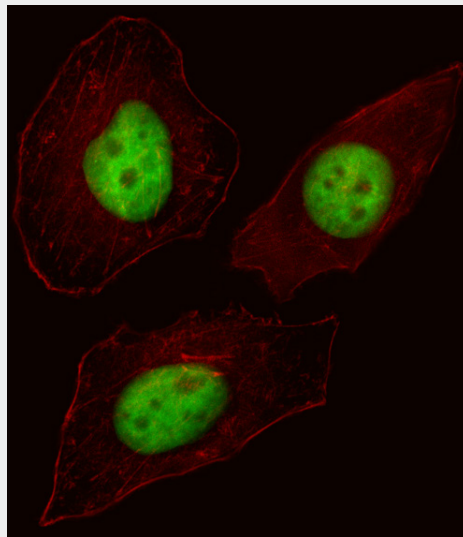
**Cellular Location**  
Nucleus.

### FOXN3 Antibody (C-term) - Protocols

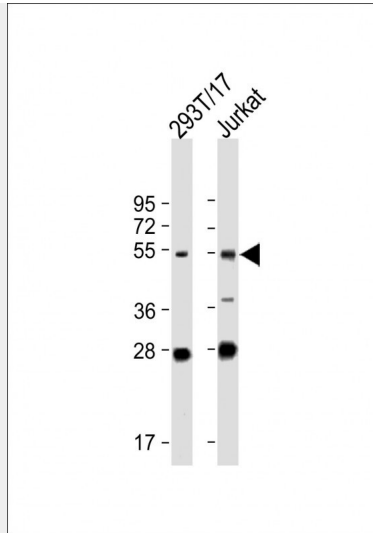
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### FOXN3 Antibody (C-term) - Images



Fluorescent image of HeLa cell stained with FOXN3 Antibody (C-term)(Cat#AP19255b).HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with FOXN3 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C).Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37°C).FOXN3 immunoreactivity is localized to Nucleus significantly.



All lanes : Anti-FOXN3 Antibody (C-term) at 1:2000 dilution Lane 1: 293T/17 whole cell lysate  
Lane 2: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa  
Blocking/Dilution buffer: 5% NFDm/TBST.

### FOXN3 Antibody (C-term) - Background

This gene is a member of the forkhead/winged helix transcription factor family. Checkpoints are eukaryotic DNA damage-inducible cell cycle arrests at G1 and G2. Checkpoint suppressor 1 suppresses multiple yeast checkpoint mutations including *mec1*, *rad9*, *rad53* and *dun1* by activating a MEC1-independent checkpoint pathway. Alternative splicing is observed at the locus, resulting in distinct isoforms. [provided by RefSeq].

### FOXN3 Antibody (C-term) - References

Samaan, G., et al. *Biochem. Biophys. Res. Commun.* 400(1):60-65(2010)  
Rose, J.E., et al. *Mol. Med.* 16 (7-8), 247-253 (2010) :  
Jugessur, A., et al. *PLoS ONE* 5 (7), E11493 (2010) :  
Markowski, J., et al. *Eur Arch Otorhinolaryngol* 266(10):1501-1507(2009)  
Schlade-Bartusiak, K., et al. *Am. J. Med. Genet. A* 146A (1), 117-123 (2008) :

### FOXN3 Antibody (C-term) - Citations

- [Bispecific Forkhead Transcription Factor FoxN3 Recognizes Two Distinct Motifs with Different DNA Shapes.](#)
- [A Hepatocyte FOXN3-α Cell Glucagon Axis Regulates Fasting Glucose.](#)
- [Checkpoint suppressor 1 suppresses transcriptional activity of ERα and breast cancer cell proliferation via deacetylase SIRT1.](#)
- [FOXN3 Regulates Hepatic Glucose Utilization.](#)