

**RHOXF2B Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5505**

**Specification**

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**RHOXF2B Antibody (Center) - Product Information**

Application	IF, WB,E
Primary Accession	<a href="#">POC7M4</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=32 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

**RHOXF2B Antibody (Center) - Additional Information**

**Gene ID** 727940

**Antigen Region**  
110-141

**Other Names**  
RhoX homeobox family member 2B, RHOXF2B

**Dilution**  
IF~~1:10~50  
WB~~1:1000

**Target/Specificity**  
This RHOXF2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-141 amino acids from the Central region of human RHOXF2B.

**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**  
RHOXF2B Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**RHOXF2B Antibody (Center) - Protein Information**

**Name** RHOXF2B ([HGNC:33519](#))

**Function**  
Transcription factor maybe involved in reproductive processes. Modulates expression of target genes encoding proteins involved in processes relevant to spermatogenesis.

### Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

### Tissue Location

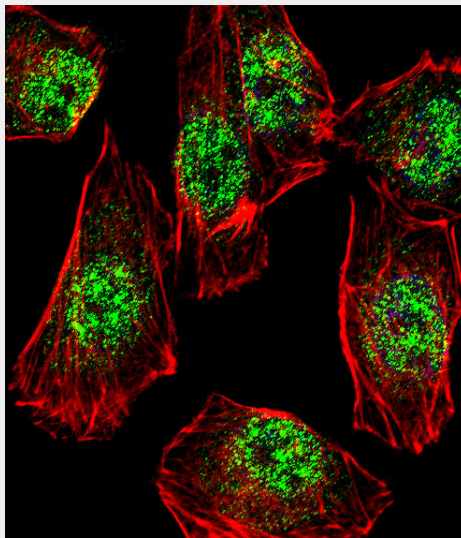
Expressed in testis, mainly expressed in germ cells, but also detected in somatic cells such as Sertoli cells, Leydig cells and peritubular cells.

### RHOXF2B Antibody (Center) - Protocols

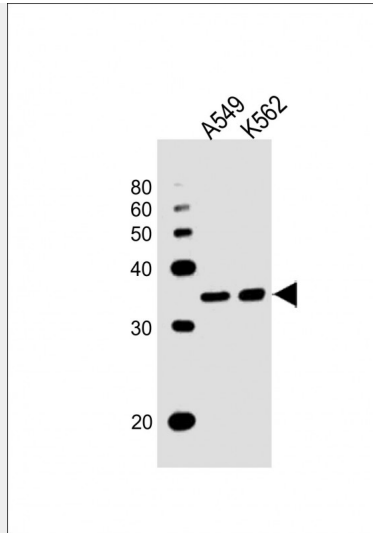
Provided below are standard protocols that you may find useful for product applications.

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

### RHOXF2B Antibody (Center) - Images



Fluorescent confocal image of A549 cell stained with RHOXF2B Antibody (Center)(Cat#AW5505).A549 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with RHOXF2B 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). Nuclei were counterstained with DAPI (10 µg/ml, 10 min).RHOXF2B immunoreactivity is localized to Nucleus significantly.



All lanes : Anti-RHOXF2B Antibody (Center) at 1:1000 dilution Lane 1: A549 whole cell lysates  
Lane 2: K562 whole cell lysates Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit  
IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 32 kDa  
Blocking/Dilution buffer: 5% NFDN/TBST.

#### **RHOXF2B Antibody (Center) - Background**

The function of this protein remains unknown.