

# RHOXF1 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21262c

## Product Information

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|                   |                        |
|-------------------|------------------------|
| Application       | WB, E                  |
| Primary Accession | <a href="#">Q8NHV9</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | polyclonal             |
| Isotype           | Rabbit IgG             |
| Clone Names       | RB51380                |
| Calculated MW     | 20542                  |

## Additional Information

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|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 158800                                                                                                                                                                       |
| Other Names        | Rhox homeobox family member 1, Ovary-, testis- and epididymis-expressed gene protein, Paired-like homeobox protein PEPP-1, RHOXF1, OTEX, PEPP1                               |
| Target/Specificity | This RHOXF1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 86-120 amino acids from the Central region of human RHOXF1.        |
| Dilution           | WB~~1:1000 E~~Use at an assay dependent concentration.                                                                                                                       |
| 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        | RHOXF1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.                                                                   |

## Protein Information

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|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name     | RHOXF1 ( <a href="#">HGNC:29993</a> )                                                                                                                                    |
| Synonyms | OTEX, PEPP1                                                                                                                                                              |
| Function | Transcription factor maybe involved in reproductive processes. Modulates expression of target genes encoding proteins involved in processes relevant to spermatogenesis. |

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|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cellular Location | Nucleus {ECO:0000255   PROSITE-ProRule:PRU00108, ECO:0000269   PubMed:11980563}                                                                                                                                                                                                                                                                                                                                                                                                |
| Tissue Location   | Ovary, testis and epididymis. Also detected in the prostate and the mammary gland. Expressed in many tumor cell lines derived from acute lymphocytic leukemia, prostate, endometrial adenocarcinoma, melanoma, bladder carcinoma, colon carcinoma, erythroleukemia and breast carcinoma. Not expressed in placenta. In testis, mainly expressed in germ cells, but also detected in somatic cells such as Sertoli cells, Leydig cells and peritubular cells (PubMed:28171660). |

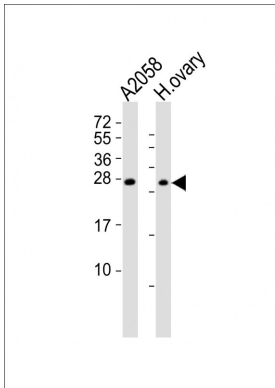
## Background

May be a transcription factor involved in reproductive processes.

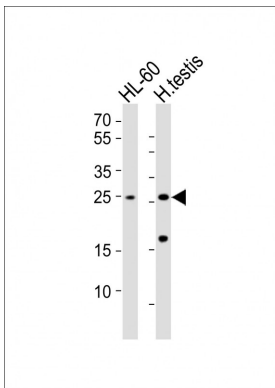
## References

Geserick C.,et al.Biochem. J. 366:367-375(2002).  
 Ross M.T.,et al.Nature 434:325-337(2005).  
 Wayne C.M.,et al.Gene 301:1-11(2002).

## Images



All lanes : Anti-RHOXF1 Antibody (Center) at 1:2000 dilution  
 Lane 1: A2058 whole cell lysates  
 Lane 2: human ovary lysates  
 Lysates/proteins at 20 µg per lane.  
 Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution  
 Predicted band size : 21 kDa  
 Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-RHOXF1 Antibody (Center) at 1:1000 dilution  
 Lane 1: HL-60 whole cell lysates  
 Lane 2: human testis lysates  
 Lysates/proteins at 20 µg per lane.  
 Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution  
 Predicted band size : 21 kDa  
 Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.