

**FOXR1 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10031a****Specification**

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**FOXR1 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [O6PIV2](#)  
Other Accession [NP\\_859072.1](#)

**FOXR1 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 283150

**Other Names**

Forkhead box protein R1, Forkhead box protein N5, FOXR1, FOXN5

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**FOXR1 Antibody (N-term) Blocking peptide - Protein Information**

**Name** FOXR1

**Synonyms** FOXN5

**Function**

Transcription factor which acts as both an activator and a repressor (PubMed:<a href="http://www.uniprot.org/citations/34723967" target="\_blank">34723967</a>). Activates transcription of a number of genes including the heat shock chaperones HSPA1A and HSPA6 and the antioxidant NADPH-dependent reductase DHRS2 which are involved in protection against oxidative stress (PubMed:<a href="http://www.uniprot.org/citations/34723967" target="\_blank">34723967</a>). Required for normal brain development (By similarity).

**Cellular Location**

Nucleus. Cytoplasm. Cytoplasm, perinuclear region. Note=Localizes to the nucleus and cytoplasm with higher levels in the nucleus where it is expressed in a diffuse manner (PubMed:34723967). Located in the cytoplasm of spermatocytes and strongly accumulates at the perinuclear region in elongated spermatids (PubMed:25609838)

**Tissue Location**

Expressed in testis (at protein level).

**FOXR1 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**FOXR1 Antibody (N-term) Blocking peptide - Images**