

FOXM1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51682

Specification

FOXM1 Antibody - Product Information

Application	WB, E
Primary Accession	Q08050
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	84 KDa

FOXM1 Antibody - Additional Information

Gene ID 2305

Other Names

Forkhead box protein M1, Forkhead-related protein FKHL16, Hepatocyte nuclear factor 3 forkhead homolog 11, HFH-11, HNF-3/fork-head homolog 11, M-phase phosphoprotein 2, MPM-2 reactive phosphoprotein 2, Transcription factor Trident, Winged-helix factor from INS-1 cells, FOXM1, FKHL16, HFH11, MPP2, WIN

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

FOXM1 Antibody - Protein Information

Name FOXM1

Synonyms FKHL16, HFH11, MPP2, WIN

Function

Transcription factor regulating the expression of cell cycle genes essential for DNA replication and mitosis (PubMed: [19160488](http://www.uniprot.org/citations/19160488), PubMed: [20360045](http://www.uniprot.org/citations/20360045)). Plays a role in the control of cell proliferation (PubMed: [19160488](http://www.uniprot.org/citations/19160488)). Also plays a role in DNA break repair, participating in the DNA damage checkpoint response (PubMed: [17101782](http://www.uniprot.org/citations/17101782)). Promotes transcription of PHB2 (PubMed: [33754036](http://www.uniprot.org/citations/33754036)).

Cellular Location

Nucleus.

Tissue Location

Expressed in thymus, testis, small intestine, colon followed by ovary. Appears to be expressed only in adult organs containing proliferating/cycling cells or in response to growth factors. Also expressed in epithelial cell lines derived from tumors Not expressed in resting cells. Isoform 2 is highly expressed in testis

FOXM1 Antibody - 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](#)

FOXM1 Antibody - Images**FOXM1 Antibody - Background**

Transcriptional factor regulating the expression of cell cycle genes essential for DNA replication and mitosis. Plays a role in the control of cell proliferation. Plays also a role in DNA breaks repair participating in the DNA damage checkpoint response.

FOXM1 Antibody - References

Ye H., et al. Mol. Cell. Biol. 17:1626-1641(1997).
Yao K.-M., et al. J. Biol. Chem. 272:19827-19836(1997).
Westendorf J.M., et al. Proc. Natl. Acad. Sci. U.S.A. 91:714-718(1994).
Tan Y., et al. Mol. Cell. Biol. 27:1007-1016(2007).
Fu Z., et al. Nat. Cell Biol. 10:1076-1082(2008).