

**Anti-FOXM1 Antibody**  
**Catalog # AP53669****Specification**

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**Anti-FOXM1 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q08050</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	84283

**Anti-FOXM1 Antibody - Additional Information****Gene ID** 2305**Other Names**

FKHL16; HFH11; MPP2; WIN; 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

**Target/Specificity**

Recognizes endogenous levels of FOXM1 protein.

**Dilution**

WB~~1/500 - 1/1000

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

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

**Anti-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:<a href="http://www.uniprot.org/citations/19160488" target="\_blank">19160488</a>, PubMed:<a href="http://www.uniprot.org/citations/20360045" target="\_blank">20360045</a>). Plays a role in the control of cell proliferation (PubMed:<a href="http://www.uniprot.org/citations/19160488" target="\_blank">19160488</a>). Also plays a role in DNA break repair, participating in the DNA damage checkpoint response (PubMed:<a

href="http://www.uniprot.org/citations/17101782" target="\_blank">17101782</a>). Promotes transcription of PHB2 (PubMed:<a href="http://www.uniprot.org/citations/33754036" target="\_blank">33754036</a>).

#### Cellular Location

Nucleus.

#### Tissue Location

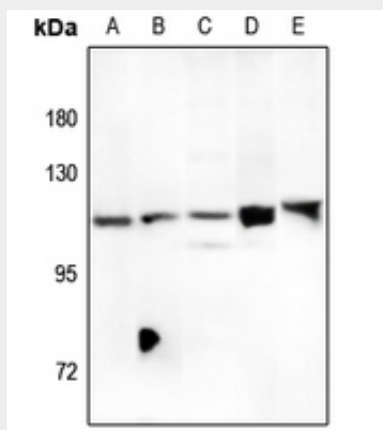
Expressed in thymus, testis, small intestine, colon followed by ovary. Appears to be expressed only in adult organs containing proliferating/cycling cells or in response to growth factors. Also expressed in epithelial cell lines derived from tumors Not expressed in resting cells. Isoform 2 is highly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

#### Anti-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](#)

#### Anti-FOXM1 Antibody - Images



Western blot analysis of FOXM1 expression in mouse testis (A), rat ovary (B), HCT116 (C), H1792 (D), MCF7 (E) whole cell lysates.

#### Anti-FOXM1 Antibody - Background

Rabbit polyclonal antibody to FOXM1