

## FOXM1 (Phospho Ser35) Rabbit pAb

CatalogNo: YP1336 **Orthogonal Validated** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 83kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

WB 1:1000-2000

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized phospho peptide around human FoxM1 (Ser35)

**Specificity** This antibody detects endogenous levels of Human FoxM1 (phospho-Ser35)

### Target Information

**Gene name** FOXM1 FKHL16 HFH11 MPP2 WIN

**Protein Name** Forkhead box protein M1 (Ser35)

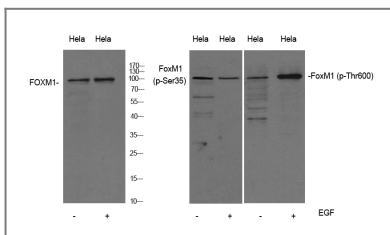
Organism	Gene ID	UniProt ID
Human	<a href="#">2305;</a>	<a href="#">Q08050;</a>
Mouse		<a href="#">O08696;</a>
Rat		<a href="#">P97691;</a>

**Cellular Localization** Nucleus.

**Tissue specificity** 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.

**Function** Alternative products:Isoform 1 and isoform 2 appear to be the only activators of gene transcription. Isoform 3 , found in rat , does not seem to exist in human ,developmental stage:Embryonic expression pattern: liver , lung , intestine , kidney , urinary tract; adult expression pattern: intestine , colon , testis and thymus. ,Domain:Within the protein there is a domain which acts as a transcriptional activator. Insertion of a splicing sequence within it inactivates this transcriptional activity , as it is the case for isoform 4. ,Function:Transcriptional activatory factor. May play a role in the control of cell proliferation. ,induction:Induced during liver regeneration and oxidative stress. ,PTM:Phosphorylated in M (mitotic) phase. ,similarity:Contains 1 fork-head DNA-binding domain. ,tissue specificity: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. ,

## Validation Data



Western Blot analysis of HeLa cell lysis treated or untreated by EGF 20ng/ml 30'.. Primary Antibody was diluted at 1:1000. Secondary antibody (catalog#:RS23920 was diluted at 1:10000

## Contact information

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