

FOXM1 (Phospho Thr600) Rabbit pAb

CatalogNo: YP1337 **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 (Thr600)

Specificity This antibody detects endogenous levels of Human FoxM1 (phospho-Thr600)

Target Information

Gene name FOXM1 FKHL16 HFH11 MPP2 WIN

Protein Name Forkhead box protein M1 (Thr600)

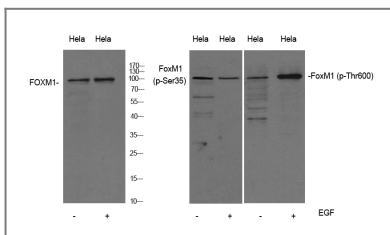
Organism	Gene ID	UniProt ID
Human	2305;	Q08050;
Mouse		O08696;
Rat		P97691;

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 mouse and rat brain 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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