

FoxO3a Rabbit pAb

Catalog No.: A0102 **8 Publications**

Basic Information

Catalog No.

A0102

Observed MW

80-90kDa

Calculated MW

71kDa

Category

Primary antibody

Applications

WB, IHC, IF

Cross-Reactivity

Human, Mouse, Rat

Background

This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. This gene likely functions as a trigger for apoptosis through expression of genes necessary for cell death. Translocation of this gene with the MLL gene is associated with secondary acute leukemia. Alternatively spliced transcript variants encoding the same protein have been observed.

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF	1:50 - 1:200

Immunogen Information

Gene ID

56484

Swiss Prot

Q9WVH4

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 394-672 of mouse FoxO3a (NP_062714.1).

Synonyms

FOXO3;AF6q21;FKHRL1;FKHRL1P2;FOXO2;FOXO3A

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

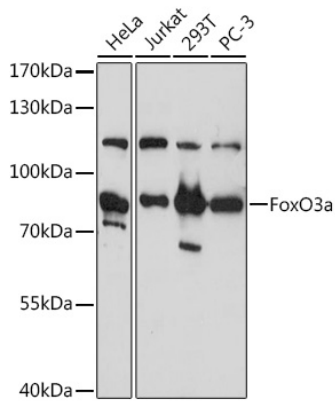
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using FoxO3a antibody (A0102) at 1:1000 dilution.

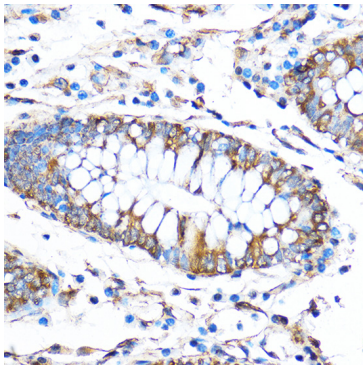
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

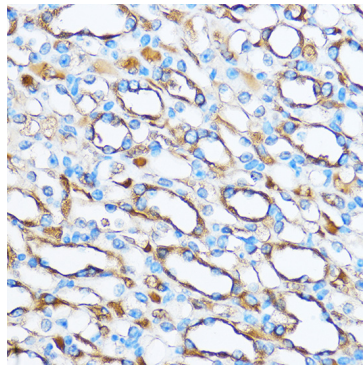
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

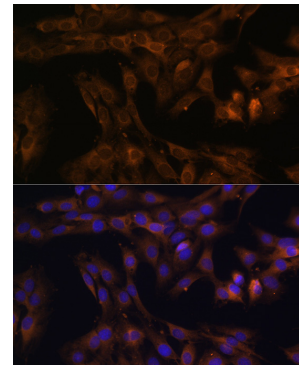
Exposure time: 5s.



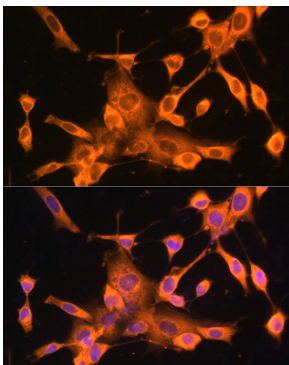
Immunohistochemistry of paraffin-embedded Human colon using FoxO3a Rabbit pAb (A0102) at dilution of 1:50 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse kidney using FoxO3a Rabbit pAb (A0102) at dilution of 1:50 (40x lens).



Immunofluorescence analysis of C6 cells using FoxO3a Rabbit pAb (A0102) at dilution of 100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using FoxO3a Rabbit pAb (A0102) at dilution of 100 (40x lens). Blue: DAPI for nuclear staining.