

FoxO3a Rabbit mAb

Catalog No: #58573

Package Size: #58573-1 50ul #58573-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

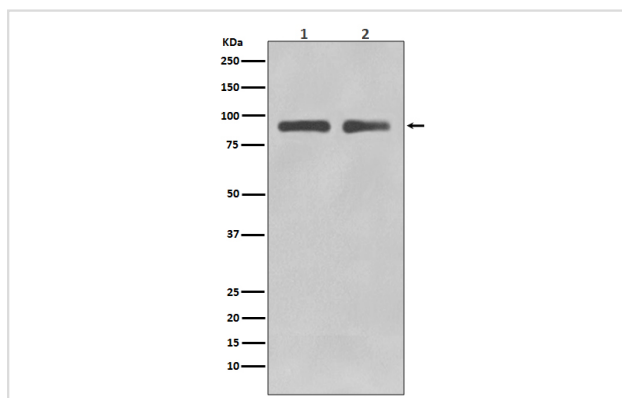
Description

Product Name	FoxO3a Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human
Specificity	FoxO3a Antibody detects endogenous levels of total FoxO3a
Immunogen Description	A synthesized peptide derived from human FoxO3a
Other Names	Forkhead box protein O3; AF6q21 protein; Forkhead in rhabdomyosarcoma-like 1; FOXO3; FKHRL1; FOXO3A
Accession No.	Uniprot:O43524
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

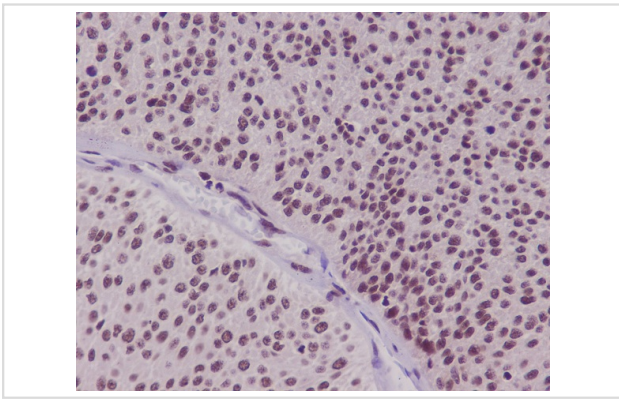
Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200

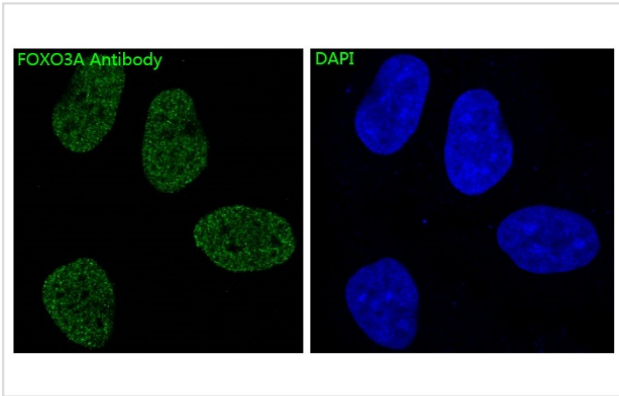
Images



Western blot analysis of FoxO3a in (1) Jurkat cell lysate; (2) SH-SY5Y cell lysate.



Immunohistochemical analysis of paraffin-embedded human bladder carcinoma, using FoxO3a Antibody.



Immunofluorescent analysis of HeLa cells, using FoxO3a Antibody .

Product Description

FoxO3a is a transcriptional activator which triggers apoptosis in the absence of survival factors, including neuronal cell death upon oxidative stress. Recognizes and binds to the DNA sequence 5'-[AG]TAAA[TC]A-3'. Participates in post-transcriptional regulation of MYC: following phosphorylation by MAPKAPK5, promotes induction of miR-34b and miR-34c expression, 2 post-transcriptional regulators of MYC that bind to the 3'UTR of MYC transcript and prevent its translation.

Background

FoxO3a is a transcriptional activator which triggers apoptosis in the absence of survival factors, including neuronal cell death upon oxidative stress. Recognizes and binds to the DNA sequence 5'-[AG]TAAA[TC]A-3'. Participates in post-transcriptional regulation of MYC: following phosphorylation by MAPKAPK5, promotes induction of miR-34b and miR-34c expression, 2 post-transcriptional regulators of MYC that bind to the 3'UTR of MYC transcript and prevent its translation.

Note: This product is for in vitro research use only