

ARG58097 anti-FOXO3A antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FOXO3A
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FOXO3A
Species	Mouse
Immunogen	Recombinant fusion protein corresponding to aa. 394-672 of Mouse FOXO3A (NP_062714.1).
Conjugation	Un-conjugated
Alternate Names	FKHRL1; Fkhr2; 2010203A17Rik; Forkhead box protein O3; 1110048B16Rik; C76856; Foxo3a

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	90 kDa	

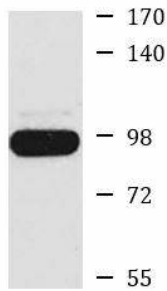
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	Foxo3
Gene Full Name	forkhead box O3
Function	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 (By similarity). [UniProt]
Calculated Mw	71 kDa

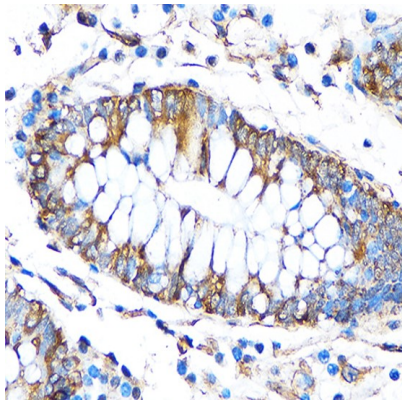
Images



Mouse kidney

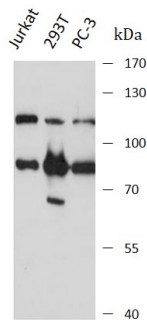
ARG58097 anti-FOXO3A antibody WB image

Western blot: Mouse kidney stained with ARG58097 anti-FOXO3A antibody.



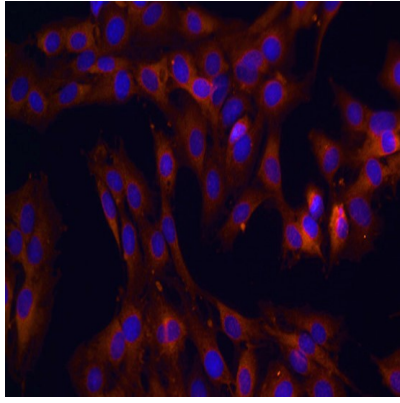
ARG58097 anti-FOXO3A antibody IHC-P image

Immunohistochemistry: Human colon stained with ARG58097 anti-FOXO3A antibody at 1:50 dilution.



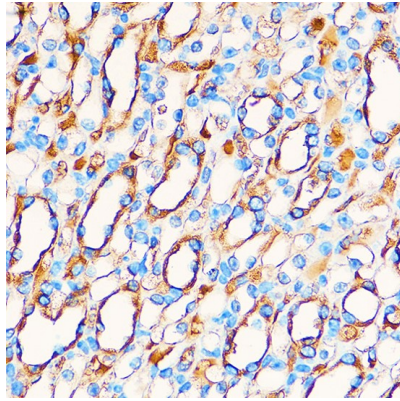
ARG58097 anti-FOXO3A antibody WB image

Western blot: Jurkat, 293T and PC-3 stained with ARG58097 anti-FOXO3A antibody at 1:1000 dilution.



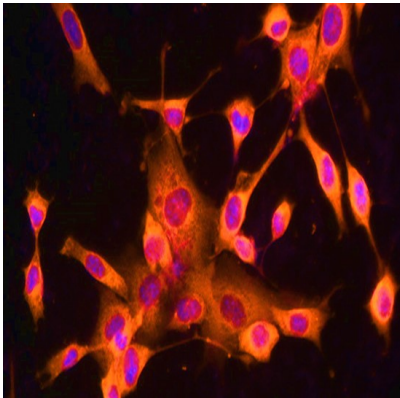
ARG58097 anti-FOXO3A antibody ICC/IF image

Immunofluorescence: C6 stained with ARG58097 anti-FOXO3A antibody at 1:100 dilution.



ARG58097 anti-FOXO3A antibody IHC-P image

Immunohistochemistry: Mouse kidney stained with ARG58097 anti-FOXO3A antibody at 1:50 dilution.



ARG58097 anti-FOXO3A antibody ICC/IF image

Immunofluorescence: NIH/3T3 stained with ARG58097 anti-FOXO3A antibody at 1:100 dilution.
