

Product Name: FOXO3 Rabbit Monoclonal antibody
Catalog #: AMRe02796



Summary

Production Name	FOXO3 Rabbit Monoclonal antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Immunogen

Gene Name	FOXO3
Alternative Names	FOXO3; FKHL1; FOXO3A; Forkhead box protein O3; AF6q21 protein; Forkhead in rhabdomyosarcoma-like 1
Gene ID	2309
SwissProt ID	O43524.

Application

Dilution Ratio	WB: 1:500-1:1000
Molecular Weight	Calculated MW: 71 kDa; Observed MW: 82 kDa

Background

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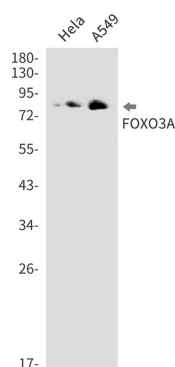


FoxO3a is a transcriptional activator which triggers apoptosis in the absence of survival factors, including neuronal cell death upon oxidative stress. Recognizes and binds to the DNA sequence 5'-[AG]TAAA[TC]A-3'. Participates in post-transcriptional regulation of MYC: following phosphorylation by MAPKAPK5, 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.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of FOXO3A in HeLa, A549 lysates using FOXO3 antibody.

Note

For research use only.