

**Product Name: Phospho-FOXO3A (Ser253) Rabbit
Monoclonal Antibody
Catalog #: AMRe01998**

Summary

Production Name	Phospho-FOXO3A (Ser253) Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
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% BSA
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

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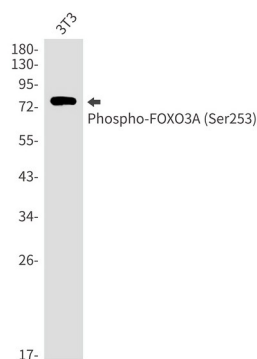
Background

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.

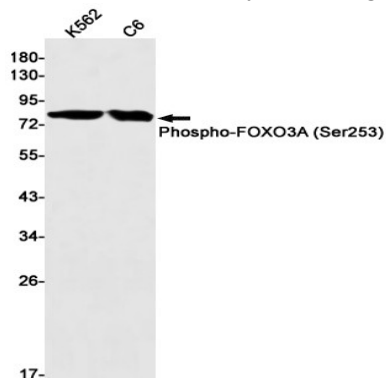
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Phospho-FOXO3A (Ser253) in 3T3 lysates using Phospho-FOXO3A (Ser253) antibody.



Western blot analysis of Phospho-FOXO3A (Ser253) in K562, C6 lysates using Phospho-FOXO3A (Ser253) antibody.

Note

For research use only.