

FoxO3a Antibody



Catalog No: T55898

Reactivity: Human Mouse Rat

Isoype: Rabbit IgG

Applications: WB ICC/IF

www.ab-mart.com.cn

400-6123-828

Information

UniProt ID: O43524

All Names: Forkhead box protein O3; AF6q21 protein; Forkhead in rhabdomyosarcoma-like 1; FOXO3; FKHL1; FOXO3A;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

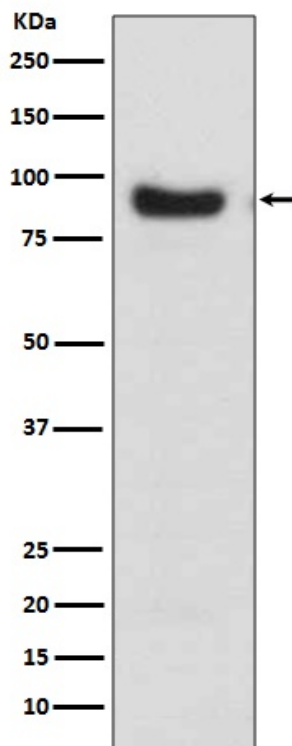
Molecular Wt.: 90kDa

Application

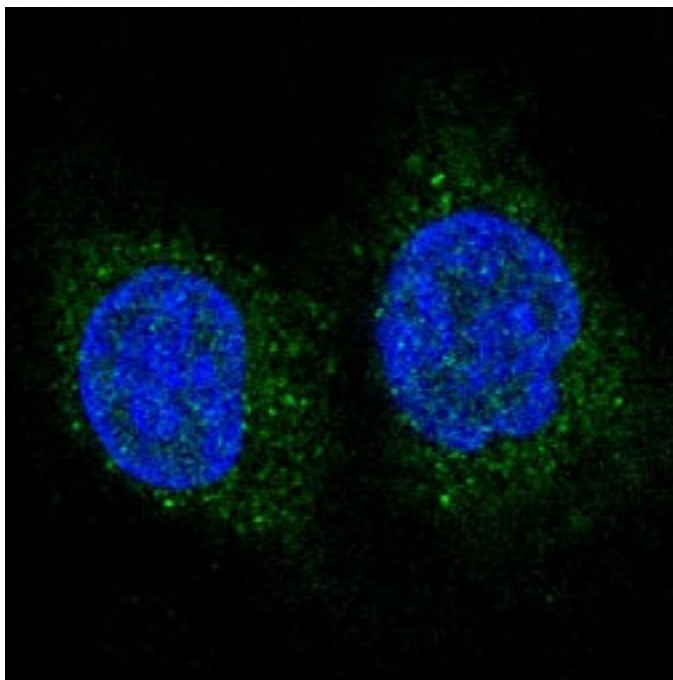
WB 1:1000~1:2000 ICC/IF 1:50~1:200

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.



Western blot analysis of FOXO3A expression in MCF-7 cell lysate.



Immunofluorescent analysis of HeLa cells, using FoxO3a Antibody.