

Product Datasheet

FoxO3a Antibody

Catalog No: CY5898

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB ICC/IF



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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: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 90 kDa

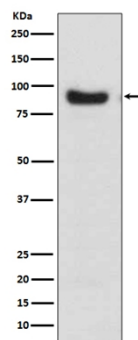
Application

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.

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