

FoxO3A rabbit pAb

Cat No.: ES5309

For research use only

Overview

Product Name FoxO3A rabbit pAb

Host species Rabbit

Applications WB;IHC;IF;ELISA Species Cross-Reactivity Human;Mouse;Rat

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/20000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human FOXO3A. AA

range:281-330

Specificity FoxO3A Polyclonal Antibody detects endogenous

levels of FoxO3A protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Forkhead box protein O3

Gene Name FOXO3

Cellular localization Cytoplasm, cytosol . Nucleus . Mitochondrion

matrix. Mitochondrion outer membrane;

Peripheral membrane protein ; Cytoplasmic side . Retention in the cytoplasm contributes to its

inactivation (PubMed:10102273,

PubMed:15084260, PubMed:16751106). Transloca

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 90kD
Human Gene ID 2309
Human Swiss-Prot Number O43524

Alternative Names FOXO3; FKHRL1; FOXO3A; Forkhead box protein O3;

AF6q21 protein; Forkhead in rhabdomyosarcoma-like 1

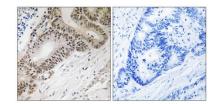




Background

This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. This gene likely functions as a trigger for apoptosis through expression of genes necessary for cell death. Translocation of this gene with the MLL gene is associated with secondary acute leukemia. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using FOXO3A Antibody. The picture on the right is blocked with the synthesized peptide.



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