

FoxO1/3 rabbit pAb

Cat No.:ES5304

For research use only

Overview

Product Name FoxO1/3 rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

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

1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human FOXO1A/3A. AA

range:291-340

Specificity FoxO1/3 Polyclonal Antibody detects endogenous

levels of FoxO1/3 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 O1/3

Gene Name FOXO1/FOXO3

Cellular localization Cytoplasm . Nucleus . Shuttles between the

cytoplasm and nucleus. Largely nuclear in unstimulated cells (PubMed:11311120, PubMed:12228231, PubMed:19221179, PubMed:21245099, PubMed:20543840,

PubMed:25009184). In osteoblasts, colocalizes with

ATF4 and RUNX2

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 2308

Human Swiss-Prot Number Q12778/O43524

Alternative Names FOXO1; FKHR; FOXO1A; Forkhead box protein O1;

Forkhead box protein O1A; Forkhead in



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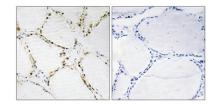


Background

rhabdomyosarcoma; FOXO3; FKHRL1; FOXO3A; Forkhead box protein O3; AF6q21 protein; Forkhead in rhabdomyosarcoma-like 1
This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar

Immunohistochemistry analysis of paraffin-embedded human thyroid gland tissue, using FOXO1A/3A Antibody. The picture on the right is blocked with the synthesized peptide.

rhabdomyosarcoma. [provided by RefSeq, Jul 2008],



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