

FoxO1/3/4 rabbit pAb

Cat No.:ES5306

For research use only

Overview

Product Name FoxO1/3/4 rabbit pAb

Host species Rabbit

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

Recommended dilutions Western Blot: 1/500 - 1/2000.

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human FOXO1/3/4. AA

range:15-64

Specificity FoxO1/3/4 Polyclonal Antibody detects endogenous

levels of FoxO1/3/4 protein.

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

0.02% sodium azide.

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

Protein Name Forkhead box protein O1/3/4

Gene Name FOXO1/3/4

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 78kD
Human Gene ID 2308/4303

Human Swiss-Prot Number Q12778/O43524/P98177

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

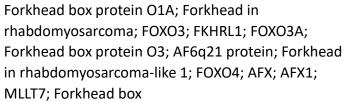


+86-27-59760950 ELKbio@ELKbiotech.com

www.elkbiotech.com

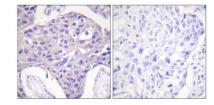


Background



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 rhabdomyosarcoma. [provided by RefSeq, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using FOXO1/3/4-pan Antibody. The picture on the right is blocked with the synthesized peptide.



+86-27-59760950

