

FoxO4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09263
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human FOXO4. AA range:417-466
Mol wt	53684
Species reactivity	Human, Mouse, Monkey
Clonality	Polyclonal
Recommended application	WB, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Forkhead box protein O4
Synonyms	Forkhead box protein O4; FOXO4; AFX; AFX1; MLLT7; Forkhead box protein O4; Fork head domain transcription factor AFX1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a member of the O class of winged helix/forkhead transcription factor family. Proteins encoded by this class are regulated by factors involved in growth and differentiation indicating they play a role in these processes. A translocation involving this gene on chromosome X and the homolog of the Drosophila trithorax gene, encoding a DNA binding protein, located on chromosome 11 is associated with leukemia. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

WB: 1: 500 - 1: 2000

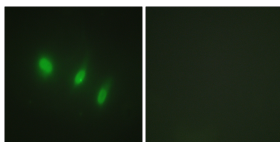
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

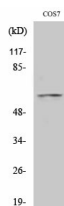
ELISA: 1: 20000

Not yet tested in other applications.

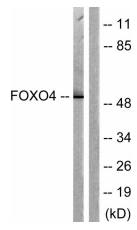
Images



Immunofluorescence analysis of HeLa cells, using FOXO4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using FoxO4 Polyclonal Antibody



Western blot analysis of lysates from K562 cells, using FOXO4 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for 1 year

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