

## anti-Human, Mouse FOXO4 Antibody | anti-FOXO4 antibody

FOXO4 (Ab-451) Antibody

|                               |                                   |                                                                |
|-------------------------------|-----------------------------------|----------------------------------------------------------------|
| CATALOG #<br><b>AAA112165</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------------------|----------------------------------------------------------------|

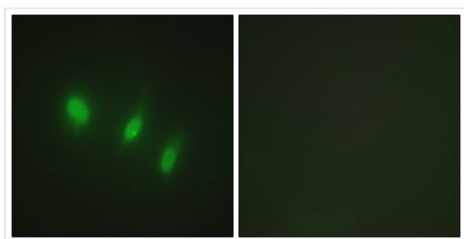
### PRODUCT SYNONYMS

FOXO4; FOXO4 (Ab-451) Antibody; AFX; AFX1; Afxh; Forkhead box protein O4; MLLT7; Putative forkhead domain AFX1; putative fork head domain AFX1; anti-FOXO4 antibody

### PRODUCT SPECIFICATIONS

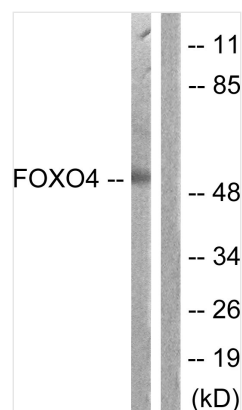
|                                                 |                                                                                                                                                           |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human, Mouse                                                                                                                                              |
| Specificity                                     | FOXO4 (Ab-451) antibody detects endogenous levels of total FOXO4 protein.                                                                                 |
| Purity/Purification                             | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                      |
| Form/Format                                     | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                            |
| Sequence Length                                 | 450                                                                                                                                                       |
| Applicable Applications for anti-FOXO4 antibody | ELISA, IF (Immunofluorescence), WB (Western Blot)                                                                                                         |
| Immunogen                                       | The antiserum was produced against synthesized non-phosphopeptide derived from human FOXO4 around the phosphorylation site of threonine 451 (L-G-TP-P-V). |
| Preparation and Storage                         | Store at -20 degree C for 1 year.                                                                                                                         |

### IMAGES



#### WB (Western Blot)

Peptide- Western blot analysis of extracts from K562 cells, using FOXO4 (Ab-451) antibody. Immunofluorescence analysis of HeLa cells, using FOXO4 (Ab-451) antibody.



Application Data

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-FOXO4 antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
| References                                        | Peters U., Hum. Genet. 100:569-572(1997). Borkhardt A., Oncogene 14:195-202(1997). Yang Z., J. Biol. Chem. 277:8068-8075(2002).                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 283436083                                      |
| NCBI GeneID                      | 4303                                           |
| NCBI Accession #                 | NP_001164402.1                                 |
| NCBI GenBank Nucleotide #        | NM_001170931.1                                 |
| UniProt Accession #              | P98177; O43821; Q13720; Q3KPF1; Q8TDK9; B7WPJ7 |
| Molecular Weight                 | 47,941 Da                                      |
| NCBI Official Full Name          | forkhead box protein O4 isoform 2              |
| NCBI Official Synonym Full Names | forkhead box O4                                |
| NCBI Official Symbol             | FOXO4                                          |
| NCBI Official Synonym Symbols    | AFX; AFX1; MLLT7                               |
| NCBI Protein Information         | forkhead box protein O4                        |
| UniProt Protein Name             | Forkhead box protein O4                        |
| UniProt Gene Name                | <b>FOXO4</b>                                   |
| UniProt Synonym Gene Names       | AFX; AFX1; MLLT7                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/human-mouse-antibody/foxo4/112165>