

anti-Human, Mouse AFX1 Antibody | anti-AFX1 antibody

AFX1 (Phospho-Ser262) Antibody

CATALOG # AAA111565	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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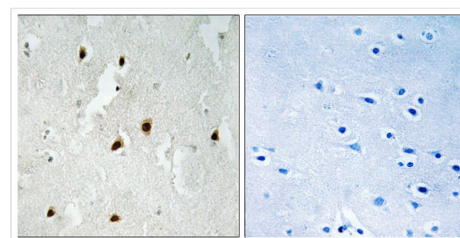
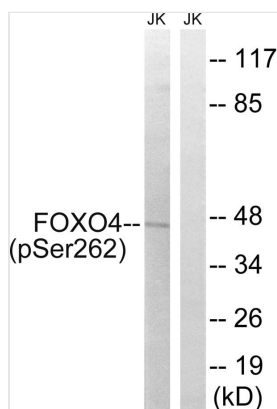
PRODUCT SYNONYMS

AFX1; AFX1 (Phospho-Ser262) Antibody; AFX; Afxh; forkhead box protein O4; forkhead domain AFX1; MLLT7; myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog; Drosophila); translocated to; 7 (AFX1); anti-AFX1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	FOXO4 (Phospho-Ser262) antibody detects endogenous levels of FOXO4 only when phosphorylated at serine 262.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	450
Applicable Applications for anti-AFX1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human FOXO4 around the phosphorylation site of serine 262 (S-S-SP-N-A).
All Sites	Human: Ser262 Mouse: Ser262
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using FOXO4 (Phospho-Ser262) antibody. Western blot analysis of extracts from Jurkat cells, treated with starved (24 hours), using FOXO4 (Phospho-Ser262) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AFX1 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	FOXO4
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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/afx1/111565>