

Rabbit anti-Human MLLT7 Polyclonal Antibody | anti-FOXO4 antibody

MLLT7 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284457	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

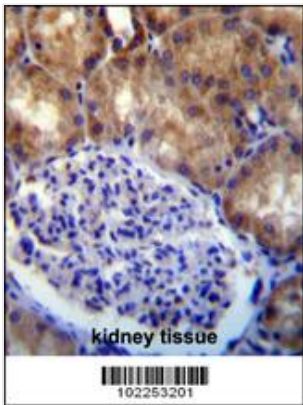
PRODUCT SYNONYMS

MLLT7; Polyclonal Antibody; MLLT7 Antibody (N-term); Forkhead box protein O4; Fork head domain transcription factor AFX1; FOXO4; AFX; AFX1; anti-FOXO4 antibody

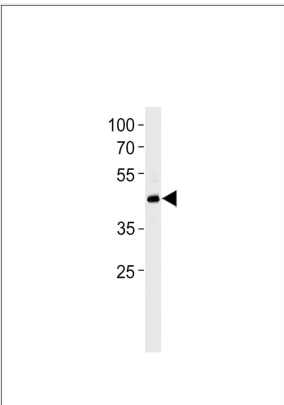
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MLLT7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 44-73 amino acids from the N-terminal region of human MLLT7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	44-73
Sequence Length	450
Applicable Applications for anti-FOXO4 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
MLLT7 antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MLLT7 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
MLLT7 Antibody (R59) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the MLLT7 antibody detected the MLLT7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-FOXO4 antibody	The MLLT7 (Mixed-lineage leukemia translocated to 7) protein is a forkhead transcription factor that activates apoptosis by inducing the BCL-6 transcriptional repressor. MLL-MLLT7 fusion protein transformw myeloid progenitors and impairs forkhead protein function. MLLT7 is a target of the phosphatidylinositol 3-kinase/PKB insulin signaling pathway and the AMP-activated protein kinase-dependent pathway.
Product Categories/Family for anti-FOXO4 antibody	Crown Antibodies; Cancer; Cell Biology
References	Crossley, L.J., J. Leukoc. Biol. 74(4):583-592 (2003). Tang, T.T., et al., J. Biol. Chem. 278(32):30125-30135 (2003). So, C.W., et al., Mol. Cell. Biol. 22(18):6542-6552 (2002). Tang, T.T., et al., J. Biol. Chem. 277(16):14255-14265 (2002). Kops, G.J., et al., Mol. Cell. Biol. 22(7):2025-2036 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	283436083
NCBI GeneID	4303
NCBI Accession #	NP_001164402.1; NP_005929.2
NCBI GenBank Nucleotide #	NM_001170931.1
UniProt Accession #	P98177; O43821; Q13720; Q3KPF1; Q8TDK9; B7WPJ7
Molecular Weight	53684
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
UniProt Entry Name	FOXO4_HUMAN

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://www.aaabiotech.com/polyclonal/mlt7-antibody-western-blot-immunohistochemistry-elisa/284457>