

Rabbit FOXK1 Polyclonal Antibody | anti-FOXK1 antibody

FOXK1 Antibody (C-term)

CATALOG # AAA285546	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Western Blot, ELISA, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

FOXK1; Polyclonal Antibody; FOXK1 Antibody (C-term); Forkhead box protein K1; Myocyte nuclear factor; MNF; FOXK1 {ECO:0000303|PubMed:15202027; ECO:0000303|PubMed:15289879}; anti-FOXK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FOXK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 684-710 amino acids from the C-terminal region of human FOXK1.
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: 0.5 (varies by lot)
Sequence Positions	684-710
Sequence Length	570
Applicable Applications for anti-FOXK1 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
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



FCM/FACS (Flow Cytometry)

FOXK1 Antibody (C-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

FOXK1 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the FOXK1 antibody detected the FOXK1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-FOXX1 antibody	FOXX1 is a transcriptional activator that binds to the upstream enhancer region (CCAC box) of myoglobin gene. It plays a role in myogenic differentiation and in remodeling processes of adult muscles that occur in response to physiological stimuli.
Product Categories/Family for anti-FOXX1 antibody	Crown Antibodies
References	Olsen, J.V., et al. Cell 127(3):635-648(2006) Tsai, K.L., et al. J. Biol. Chem. 281(25):17400-17409(2006) Huang, J.T., et al. Int. J. Oncol. 25(3):751-757(2004) KatoH, M., et al. Int. J. Mol. Med. 14(1):127-132(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	82546824
NCBI GeneID	221937
NCBI Accession #	NP_001032242.1
NCBI GenBank Nucleotide #	NM_001037165.1
UniProt Accession #	P85037
Molecular Weight	75457
NCBI Official Full Name	forkhead box protein K1
NCBI Official Synonym Full Names	forkhead box K1
NCBI Official Symbol	FOXX1
NCBI Official Synonym Symbols	FOXX1L
NCBI Protein Information	forkhead box protein K1
UniProt Protein Name	Forkhead box protein K1
UniProt Gene Name	FOXX1
UniProt Synonym Gene Names	MNF
UniProt Entry Name	FOXX1_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://stage.aaabiotech.com/polyclonal/foxx1-antibody-western-blot-flow-cytometry-elisa/285546>