

Rabbit FOXK1 Polyclonal Antibody | anti-FOXK1 antibody

Anti-FOXK1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254483	Rabbit	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

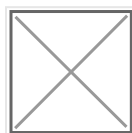
PRODUCT SYNONYMS

FOXK1; Polyclonal Antibody; Anti-FOXK1 Antibody; Rabbit Polyclonal; FOXK1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-FOXK1L Antibody; anti-FOXK1 antibody

PRODUCT SPECIFICATIONS

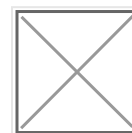
Host	Rabbit
Reactivity	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human FOXK1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-FOXK1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human FOXK1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human FOXK1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of FOXK1 in 293H cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti- FOXK1 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to nucleus.



IHC (Immunohistochemistry)

Immunochemical staining of human FOXK1 in human colon carcinoma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human FOXK1 in human breast carcinoma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-FOXK1 antibody	Forkhead-box (FOX) family transcription factors are implicated in carcinogenesis and embryogenesis. Transcriptional factor FOXK1 is a member of the FOX family, involved in the cell growth and metabolism. The higher expression of FOXK1 leads to a variety of diseases and may play an important role in the development of various tumors. The co-expression of FOXK1 and FHL2 enhances cell proliferation and metastasis through the induction of EMT. FOXK1 may be a potential therapeutic target for human prostate cancer. FOXK1 may act as an oncogene in human HCC, and knockdown of FOXK1 significantly inhibited HCC cell proliferation, migration and invasion, partly through the inactivation of Wnt/beta-catenin signaling pathway. That FOXK1 may be a novel therapeutic target to treat HCC. FOXK1 plays a key function in the ovarian cancer, it promotes cell proliferation and metastasis. FOXK1 serves as a novel molecular therapeutic target in ovarian cancer.
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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	75,457 Da
NCBI Official Full Name	forkhead box protein K1
NCBI Official Synonym Full Names	forkhead box K1
NCBI Official Symbol	FOXK1
NCBI Official Synonym Symbols	FOXK1L
NCBI Protein Information	forkhead box protein K1; MNF; myocyte nuclear factor
UniProt Protein Name	Forkhead box protein K1
UniProt Gene Name	FOXK1
UniProt Synonym Gene Names	MNF; MNF
UniProt Entry Name	FOXK1_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/foxk1-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/254483>