

Rabbit FoxO3a Polyclonal Antibody | anti-FoxO3a antibody

FoxO3a Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30541	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

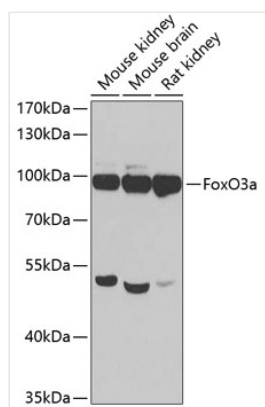
PRODUCT SYNONYMS

FoxO3a; Polyclonal Antibody; FoxO3a Polyclonal Antibody; FOXO3; AF6q21; FKHL1; FKHL1P2; FOXO2; FOXO3A; anti-FoxO3a antibody

PRODUCT SPECIFICATIONS

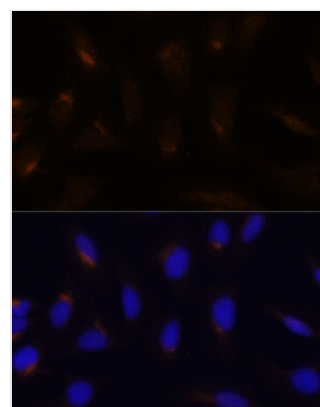
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 111% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.64
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-FoxO3a antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of mouse FoxO3a (NP_062714.1)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



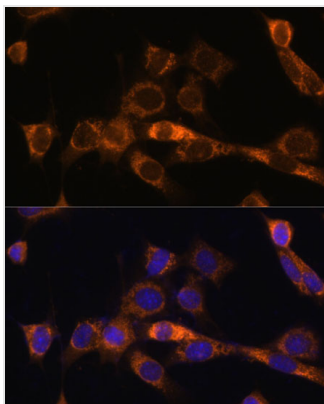
WB (Western Blot)

Western blot analysis of extracts of various cell lines, using FoxO3a antibody at 1:1000 dilution.



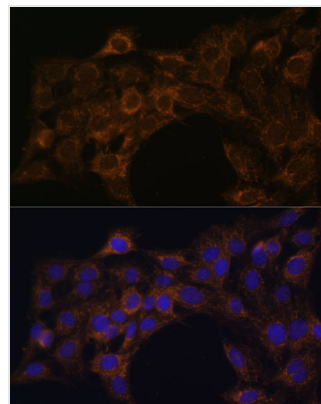
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using FOXO3 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



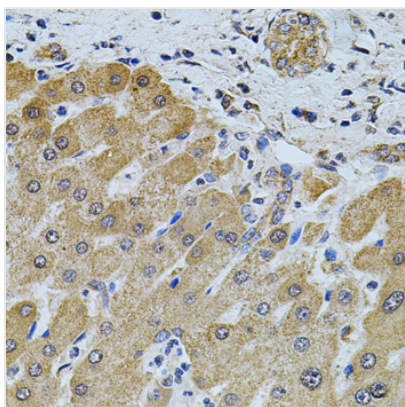
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using FOXO3 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



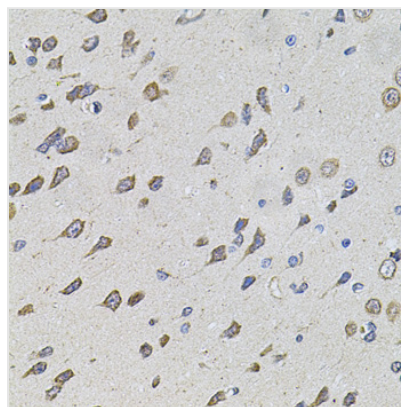
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using FOXO3 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using FoxO3a antibody at dilution of 1:100.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using FoxO3a antibody at dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-FoxO3a antibody	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. This gene likely functions as a trigger for apoptosis through expression of genes necessary for cell death. Translocation of this gene with the MLL gene is associated with secondary acute leukemia. Alternatively spliced transcript variants encoding the same protein have been observed.
Product Categories/Family for anti-FoxO3a antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	9789951
NCBI GeneID	56484
NCBI Accession #	NP_062714.1
NCBI GenBank Nucleotide #	NM_019740.2
UniProt Accession #	O43524; Q05CZ4; D3Z6Y6; Q9WVH4
Molecular Weight	71,064 Da
NCBI Official Full Name	forkhead box protein O3
NCBI Official Synonym Full Names	forkhead box O3
NCBI Official Symbol	Foxo3

NCBI Official Synonym Symbols	Fkhr2; C76856; FKHL1; Foxo3a; 1110048B16Rik; 2010203A17Rik
NCBI Protein Information	forkhead box protein O3
UniProt Protein Name	Forkhead box protein O3
UniProt Gene Name	FOXO3
UniProt Synonym Gene Names	FKHL1; FOXO3A
UniProt Entry Name	FOXO3_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/foxo3a-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30541>