Rabbit FoxO3A Polyclonal Antibody | anti-FoxO3A antibody

FoxO3A (phospho Ser253) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28927	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunohistochemistry, Immunofluorescence**

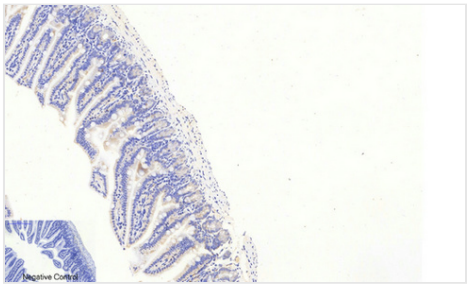
PRODUCT SYNONYMS

FoxO3A; Polyclonal Antibody; FoxO3A (phospho Ser253) Polyclonal Antibody; FOXO3; FKHRL1; FOXO3A; Forkhead box protein O3; AF6q21 protein; Forkhead in rhabdomyosarcoma-like 1; anti-FoxO3A antibody

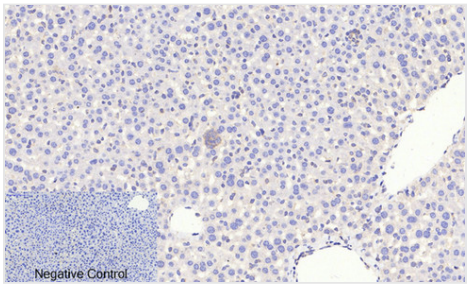
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-FoxO3A antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.



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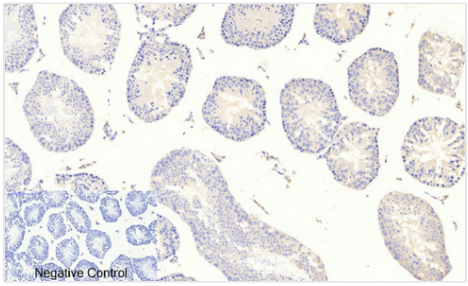

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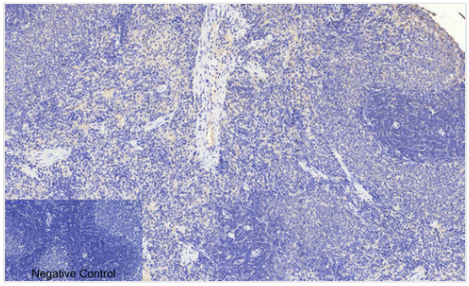
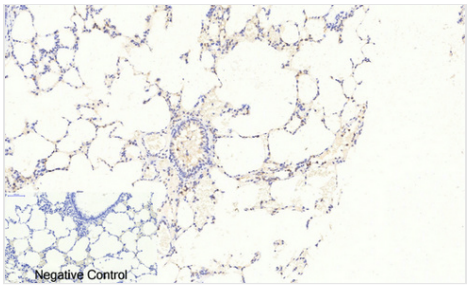


IHC (Immunohistochemistry-Paraffin)
Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.



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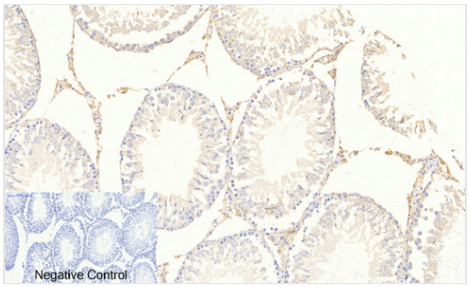

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ADDITIONAL INFORMATION

Related Product Information for anti-FoxO3A antibody	Transcriptional activator which triggers apoptosis in the absence of survival factors, including neuronal cell death upon oxidative stress (PubMed:16751106). Recognizes and binds to the DNA sequence 5'-[AG]TAAA[TC]A-3' (PubMed:21329882). Participates in post-transcriptional regulation of MYC: following phosphorylation by MAPKAPK5, promotes induction of miR-34b and miR-34c expression, 2 post-transcriptional regulators of MYC that bind to the 3'UTR of MYC transcript and prevent its translation (PubMed:21329882). In response to metabolic stress, translocates into the mitochondria where it promotes mtDNA transcription (PubMed:23283301).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503739
NCBI GeneID	2309
NCBI Accession #	NP_001446.1
NCBI GenBank Nucleotide #	NM_001455.3
UniProt Accession #	O43524; O15171; Q5T2I7; Q9BZ04; E1P5E6
Molecular Weight	71,277 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	FOXO2; AF6q21; FKHRL1; FOXO3A; FKHRL1P2
NCBI Protein Information	forkhead box protein O3; forkhead box O3A; forkhead in rhabdomyosarcoma-like 1; forkhead homolog (rhabdomyosarcoma) like 1; forkhead, Drosophila, homolog of, in rhabdomyosarcoma-like 1
UniProt Protein Name	Forkhead box protein O3
UniProt Gene Name	**FOXO3**
UniProt Synonym Gene Names	FKHRL1; 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://www.aaabiotech.com/polyclonal/foxo3a-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/28927