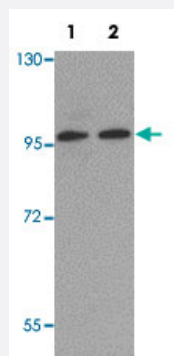


FOXO3 polyclonal antibody

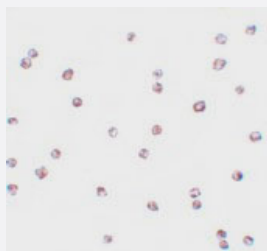
Catalog # PAB19262 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of FOXO3 in A-20 cell lysate with FOXO3 polyclonal antibody (Cat # PAB19262) at (1) 0.5 and (2) 1 ug/mL.



Immunocytochemistry

Immunocytochemistry of A-20 cells with FOXO3 polyclonal antibody (Cat # PAB19262) at 4 ug/mL.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of FOXO3.
Immunogen	A synthetic peptide corresponding to 18 amino acids near N-terminus of human FOXO3.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Peptide affinity purification

Concentration	1 mg/mL
Recommend Usage	Western Blot (0.5-1 ug/mL) Immunocytochemistry (4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of FOXO3 in A-20 cell lysate with FOXO3 polyclonal antibody (Cat # PAB19262) at (1) 0.5 and (2) 1 ug/mL.

- Immunocytochemistry

Immunocytochemistry of A-20 cells with FOXO3 polyclonal antibody (Cat # PAB19262) at 4 ug/mL.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — FOXO3

Entrez GeneID	2309
Protein Accession#	NP_963853
Gene Name	FOXO3
Gene Alias	AF6q21, DKFZp781A0677, FKHL1, FKHL1P2, FOXO2, FOXO3A, MGC12739, MGC31925
Gene Description	forkhead box O3
Omim ID	602681
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

OTTHUMP00000016944|forkhead box O3A|forkhead homolog (rhabdomyosarcoma) like 1|forkhead, Drosophila, homolog of, in rhabdomyosarcoma-like 1

Pathway

- [Chemokine signaling pathway](#)
- [Endometrial cancer](#)
- [Neurotrophin signaling pathway](#)
- [Non-small cell lung cancer](#)

Disease

- [Alzheimer disease](#)
- [Amenorrhea](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Narcolepsy](#)
- [Obesity](#)
- [Ovarian Failure](#)

- [Primary Ovarian Insufficiency](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)