

Product datasheet for **TA319652**

FOXO3 Rabbit Polyclonal Antibody

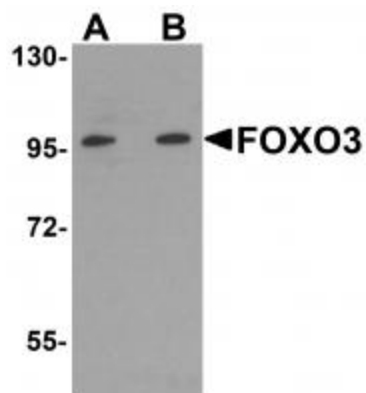
Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL, ICC:4 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	FOXO3 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human FOXO3.
Formulation:	FOXO3 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	FOXO3 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	forkhead box O3
Database Link:	NP_963853 Entrez Gene 2309 Human O43524
Background:	FOXO3 Antibody: FOXO3 is a ubiquitously expressed 75 kDa protein member of a subfamily of the forkhead homeotic gene family of transcription factors and shuttles between the cytoplasm and nucleus. FOXO transcription factors are key players of cell fate decisions, metabolism, stress resistance, tumor suppression and are regulated by growth factors, oxidative stress or nutrient deprivation. FOXO3 is involved with mTOR in the regulation of autophagy in skeletal muscle, and activates protein degradation in atrophying muscle cells. FOXO3 has also been implicated in several neurodegenerative disorders including aging, neuromuscular disease, systemic lupus erythmatosus, stroke and diabetic complications.
Synonyms:	AF6q21; FKHL1; FKHL1P2; FOXO2; FOXO3A



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Product images:



Western blot analysis of FOXO3 in A-20 cell lysate with FOXO3 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunocytochemistry of FOXO3 in A-20 cells with FOXO3 antibody at 4 ug/mL.