Anti-Phospho-FOXO3A (Ser253) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108785

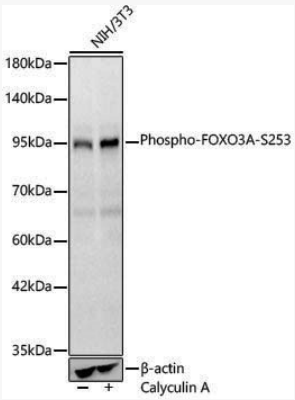
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2,000; IHC-P 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around S253 of human FOXO3A (NP_001446.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-FOXO3A (Ser253) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

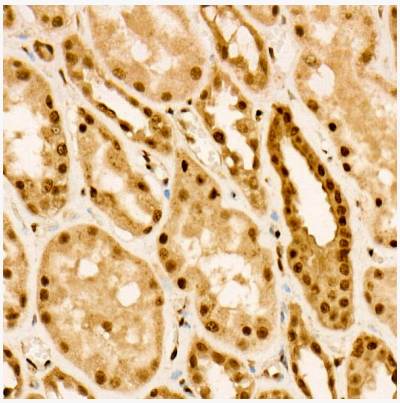
Protein Information

Synonyms	FOXO2; AF6q21; FKHRL1; FOXO3A; FKHRL1P2; Phospho-FOXO3A-S253.
Calculated MW	Calculated MW: 71 kDa; Observed MW: 97 kDa
Uniprot ID	O43524
Gene ID	2309
Background	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.

Validation Images



Western blot analysis of lysates from NIH/3T3 cells using Phospho-FOXO3A-S253 Rabbit pAb (P108785) at 1:500 dilution. NIH/3T3 cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 5s.



Immunohistochemistry analysis of paraffin-embedded Human kidney using Phospho-FOXO3A-S253 Rabbit pAb (P108785) at dilution of 1:100 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.