

Anti-Phospho-FOXO3-S253 antibody (STJ114850)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

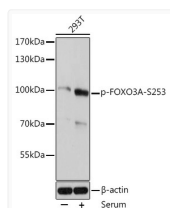
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 71kDa Observed Mw: 97kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

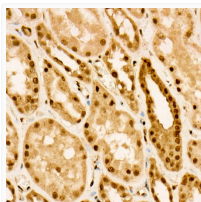
Gene ID	2309
Gene Symbol	FOXO3
UniProt ID	FOXO3_HUMAN
Immunogen Sequence	AVSMD
Specificity	A synthetic phosphorylated peptide around S253 of human FOXO3A (NP_001446.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from NIH/3T3 cells using Phospho-FOXO3A-S253 Rabbit pAb (STJ114850) 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) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 5s.



Immunohistochemistry analysis of paraffin-embedded Human kidney using Phospho-FOXO3A-S253 Rabbit pAb (STJ114850) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.