

Anti-Phospho-FOXO1 (Ser319) Rabbit pAb

Purified Rabbit Polyclonal Antibody

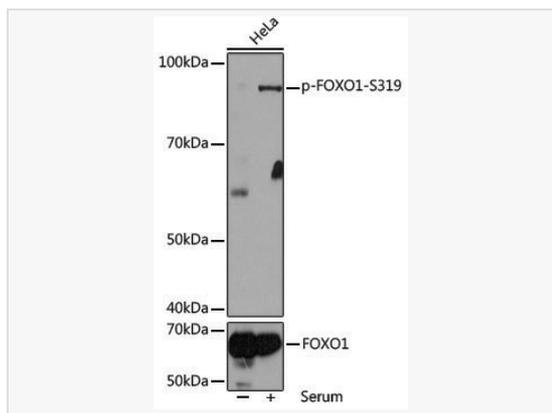
Catalog # P108577

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 S319 of human FOXO1 (NP_002006.2).
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-FOXO1 (Ser319) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	FKH1; FKHR; FOXO1A; Phospho-FOXO1-S319.
Calculated MW	Calculated MW: 70 kDa; Observed MW: 90 kDa
Uniprot ID	Q12778
Gene ID	2308
Background	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma.



Western blot analysis of lysates from HeLa cells, using Phospho-FOXO1-S319 Rabbit pAb (P108577) at 1:1,000 dilution or FOXO1 antibody (R015231). HeLa cells were treated by 10% FBS at 37°C for 30 minutes after serum-starvation overnight.

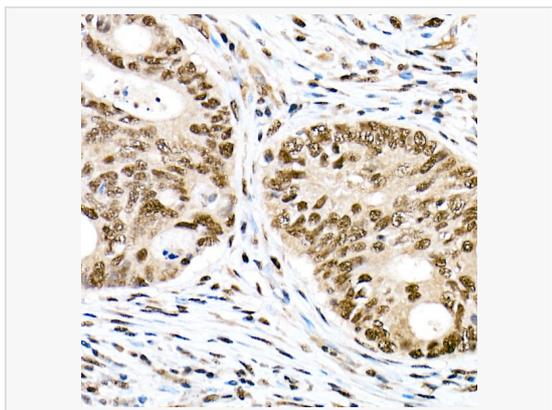
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

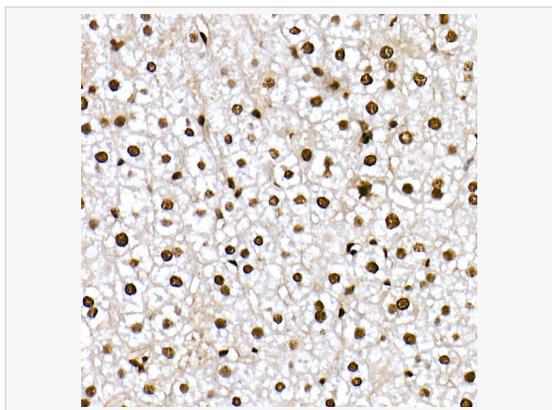
Blocking buffer: 3% BSA.

Detection: ECL Kit (SQ201).

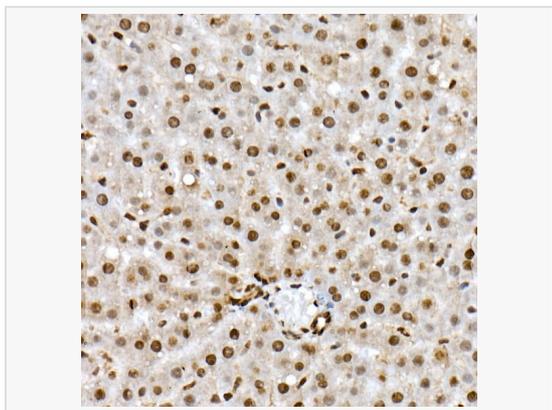
Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Phospho-FOXO1-S319 Rabbit pAb (P108577) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using Phospho-FOXO1-S319 Rabbit pAb (P108577) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat liver using Phospho-FOXO1-S319 Rabbit pAb (P108577) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.