

Anti-P-FOXO1(s319) Rabbit pAb



WL03634

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-P-FOXO1(s319) Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	Western blot	1:1000-1:2000
	<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

FOXO1A belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. FKHR (for forkhead in rhabdomyosarcoma) and FKHL1 are members of the forkhead family of transcription factors. Transcriptional activation of FKHR proteins is regulated by the serine/threonine kinase Akt1, which phosphorylates FKHL1 and results in FKHL1 associating with 14-3-3 proteins and being retained in the cytoplasm. FKHR, also designated forkhead box protein O1A (FOXO1), is a ubiquitously expressed protein that shuttles between the cytoplasm and nucleus.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of P-FOXO1(s319).

Purification

Polyclonal antibody was purified by proteinA affinity chromatography.

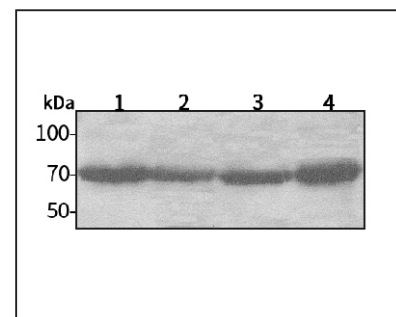
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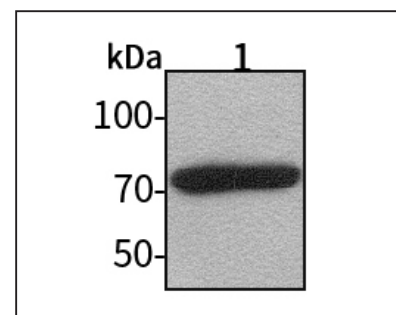
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Product Images



Western blot-Anti-P-FOXO1(s319) pAb

Lane 1: Human HeLa cell lysate
 Lane 2: Human MCF-7 cell lysate
 Lane 3: Human HEK-293 cell lysate
 Lane 4: Human SW480 cell lysate
 All lanes: Anti-P-FOXO1(s319) at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane
 Predicted band size: 70 kDa
 Observed band size: 78-82 kDa



Western blot-Anti-P-FOXO1(s319) pAb

Lane 1: Mouse kidney tissue lysate
 All lanes: Anti-P-FOXO1(s319) at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane
 Predicted band size: 70 kDa
 Observed band size: 78-82 kDa