

Anti-FOXO3A/FKHRL1 Rabbit pAb



WL02891

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-FOXO3A/FKHRL1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:100-1:400
	IF	1:100-1:400
Cellular localization	Cytoplasm, cytosol. Nucleus.	
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	The Forkhead family of transcription factors is involved in tumorigenesis of rhabdomyosarcoma and acute leukemias. Within the family, three members (FoxO1, FoxO4, and FoxO3a) have sequence similarity to the nematode orthologue DAF-16. FKHR and FKHL1 (also designated FOXO3A) are functional genes. FKHL1 maintains neutrophil vitality during inflammation by suppressing FAS ligand. Increased expression of any FoxO member results in the activation of the cell cycle inhibitor p27 Kip1. Forkhead transcription factors also play a part in TGF-β-mediated upregulation of p21 Cip1, a process negatively regulated through PI3K.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of FOXO3A/FKHRL1.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

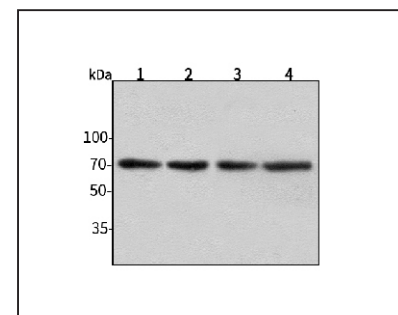
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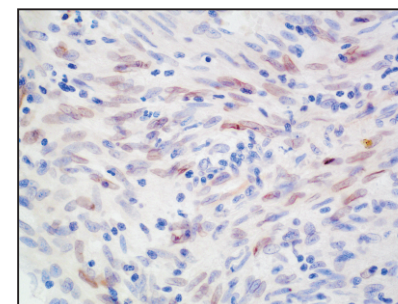
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Product Images



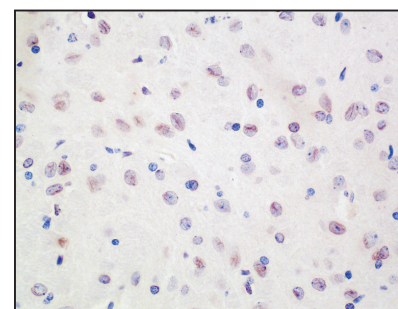
Western blot-Anti-FOXO3A/FKHRL1 pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human BGC-823 cell lysate
Lane 4: Human MGC-803 cell lysate
All lanes: Anti-FOXO3A/FKHRL1 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 71 kDa
 Observed band size: 71 kDa



Immunohistochemistry-Anti-FOXO3A/FKHRL1 pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-FOXO3A/FKHRL1 Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-FOXO3A/FKHRL1 pAb

Immunohistochemical analysis of paraffin-embedded rat brain using anti-FOXO3A/FKHRL1 Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

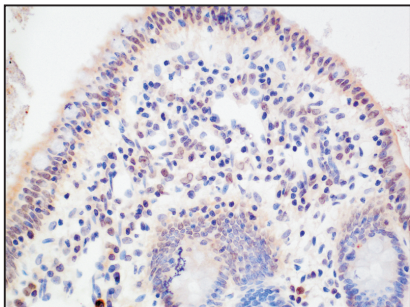
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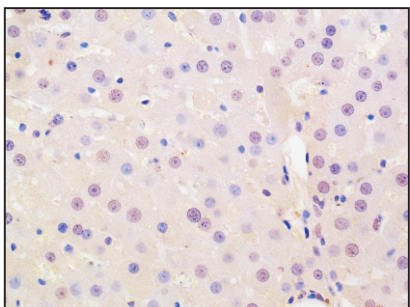
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Immunohistochemistry-Anti-FOXO3A/FKHRL1 pAb

Immunohistochemical analysis of paraffin-embedded rat colon using anti-FOXO3A/FKHRL1 Rabbit Antibody at 1:200 dilution.

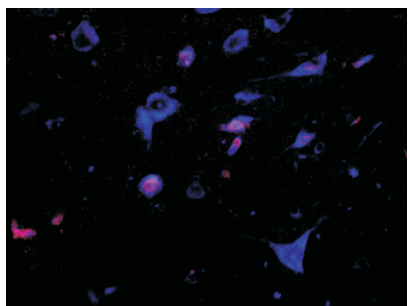
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-FOXO3A/FKHRL1 pAb

Immunohistochemical analysis of paraffin-embedded rat liver using anti-FOXO3A/FKHRL1 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-FOXO3A/FKHRL1 pAb

Immunofluorescence analysis of paraffin-embedded rat spinal cord using anti-FOXO3A/FKHRL1 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0