

## FKHRL1(Phospho-Ser253) Antibody

Catalog No: #11157

Package Size: #11157-1 50ul #11157-2 100ul

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## Description

Product Name	FKHRL1(Phospho-Ser253) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of FKHRL1 only when phosphorylated at serine 253.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 253(A-V-S(p)-M-D) derived from Human FKHRL1.
Target Name	FKHRL1
Modification	Phospho
Other Names	FOXO2; AF6q21; FKHRL1; FOXO3A; FKHRL1P2
Accession No.	Swiss-Prot: O43524NCBI Gene ID: 2309NCBI mRNA: NM_001455.3NCBI Protein: NP_001446.1
Uniprot	O43524
GeneID	2309;
Calculated MW	90kD
Concentration	1.0mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C

## Application Details

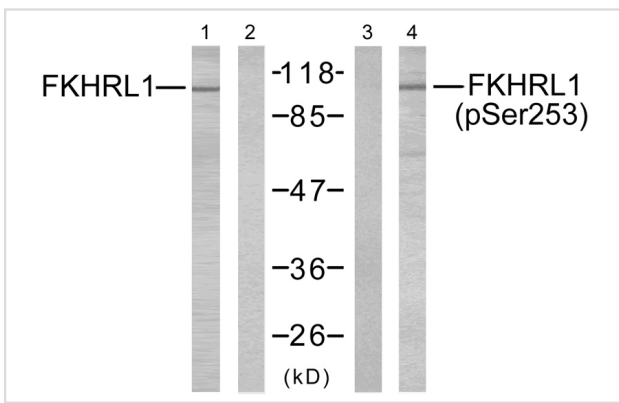
Predicted MW: 97kd

Western blotting: 1:500~1:1000

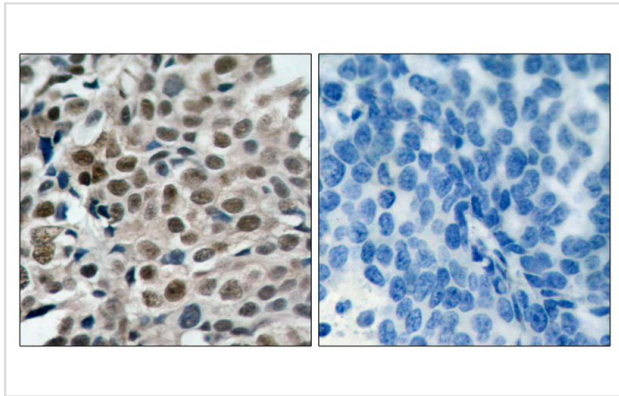
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

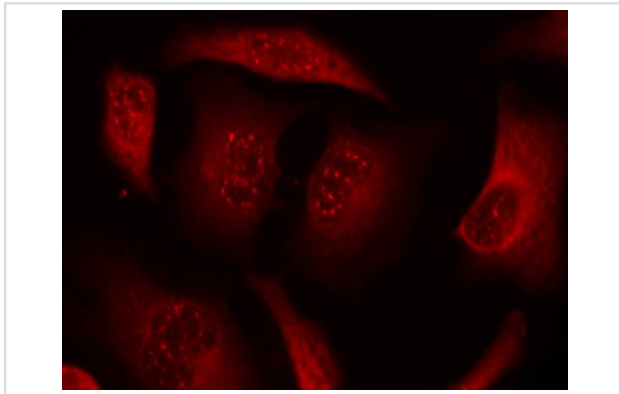
## Images



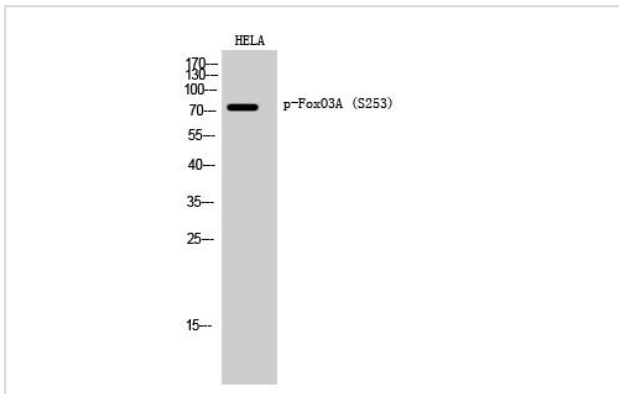
Western blot analysis of extracts from NIH/3T3 cells using FKHL1 (Ab-253) antibody (#21171, Lane 1 and 2) and FKHL1 (phospho-Ser253) antibody (#11157, Lane 3 and 4).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using FKHL1 (phospho-Ser253) antibody (#11157).



Immunofluorescence staining of methanol-fixed HeLa cells using FKHL1 (phospho-Ser253) antibody (#11157, Red).



Western Blot analysis of HELA cells using Phospho-FoxO3A (S253) Polyclonal Antibody diluted at 1:2000

## 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. [provided by RefSeq, Jul 2008],

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Note: This product is for in vitro research use only