





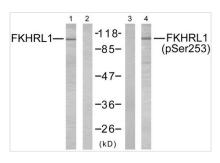
## Phospho-FOXO3 (Ser253) Antibody

Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.  Uniprot No. O43524  Immunogen Peptide sequence around phosphorylation site of serine 253(A-V-S(p)-M-D) derived from Human FKHRL1.  Raised In Rabbit Human, Mouse, Rat  The antibody detects endogenous level of FKHRL1 only when phosphorylated at serine 253.  Tested Applications ELISA, WB,IHC,IF;WB:1;500-1:1000,IHC:1:50-1:100,IF:1:100-1:200  Transcriptional activator which triggers apoptosis in the absence of survival factors, including neuronal cell death upon oxidative stress. Recognizes and binds to the DNA sequence 5-[AG]TAAA[TC]A-3'. Participates in post-transcriptional regulation of MYC: following phosphorylation by MAPKAPKS, promotes induction of miR-34b and miR-34c expression, 2 post-transcriptional regulators of MYC that bind to the 3'UTR of MYC transcript and prevent its translation.  Lehtinen M.K., Yuan Z., Boag P.R., Yang Y., Villen J., Becker E.B.E., DiBacco S., de la Iglesia N., Gygi S.P., Blackwell T.K., Bonni A.Cell 125:987-1001(2006) Morishita D., Katayama R., Sekimizu K., Tsuruo T., Fujita N.Cancer Res. 68:5076-5085(2008)  Kress T.R., Cannell I.G., Brenkman A.B., Samans B., Gaestel M., Roepman P., Burgering B.M., Bushell M., Rosenwald A., Eilers M.Mol. Cell 41:445-457(2011)  Form Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.  Purification Method 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 chromatogramphy using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using epitope-specific phosphopeptide. Non-phospho speci		
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	Species	Homo sapiens (Human)
lmage	Target Names	FOXO3
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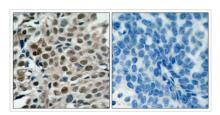




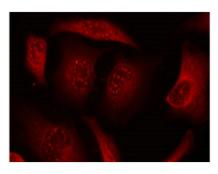




Western blot analysis of extracts from NIH/3T3 cells using FKHRL1 (Ab-253) antibody (Lane 1 and 2) and FKHRL1 (phospho-Ser253) antibody (Lane 3 and 4).



Immunohistochemical analysis of paraffinembedded human breast carcinoma tissue using FKHRL1 (phospho-Ser253) antibody.



Immunofluorescence staining of methanol-fixed HeLa cells using FKHRL1 (phospho-Ser253) antibody.

**Product Modify** 

Phospho-Ser253