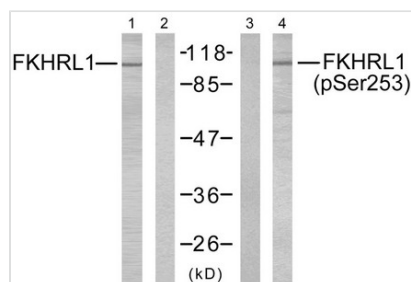


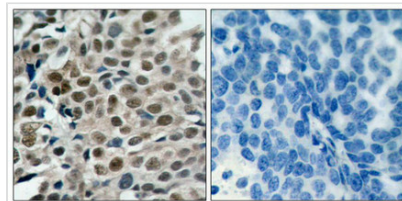


Phospho-FOXO3 (Ser253) Antibody

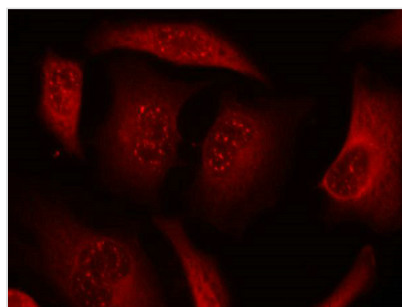
Product Code	CSB-PA030478
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O43524
Immunogen	Peptide sequence around phosphorylation site of serine 253(A-V-S(p)-M-D) derived from Human FKHRL1.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody 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
Relevance	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 MAPKAPK5, 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 Mg ²⁺ and Ca ²⁺), 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 chromatography usi
Clonality	Polyclonal
Alias	FOXO2; AF6q21; FKHRL1; FOXO3A; FKHRL1P2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	FOXO3
Image	



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 paraffin-embedded 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