

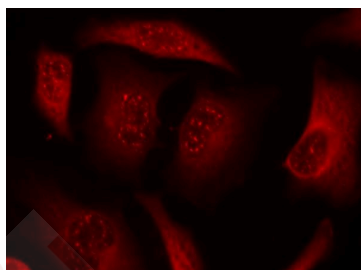
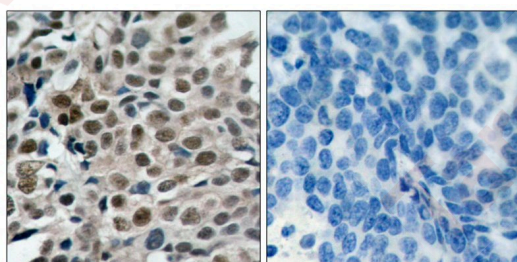
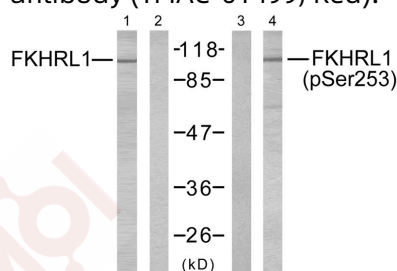
Anti-Phospho-FOXO3 (Ser253) Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
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

- Verified Activity:
- Western blot analysis of extracts from NIH/3T3 cells using FKHL1 (Ab-253) antibody (Lane 1 and 2) and FKHL1 (phospho-Ser253) antibody (TMAC-01499, Lane 3 and 4).
 - Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using FKHL1 (phospho-Ser253) antibody (TMAC-01499).
 - Immunofluorescence staining of methanol-fixed HeLa cells using FKHL1 (phospho-Ser253) antibody (TMAC-01499, Red).



Application: IF,IHC,WB

A DRUG SCREENING EXPERT

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Peptide sequence around phosphorylation site of serine 253(A-V-S(p)-M-D) derived from Human FKHRL1

Antigen Species: human

Uniprot ID: O43524

Synonyms: FOXO3 (p-S253);p-FOXO3 (S253);FOXO3 (p-Ser253);p-FOXO3 (Ser253)

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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