



## FKHRL1 (Phospho-Ser253) Antibody

#11157

**Catalog Number:** 11157-1, 11157-2

**Amount:** 50  $\mu$ g/50  $\mu$ l, 100  $\mu$ g/100  $\mu$ l

**Swiss-Prot No. :** Q43524

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage/Stability:** Store at  $-20^{\circ}C$ /1 year

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human FKHRL1 around the phosphorylation site of serine 253 (A-V-S<sub>P</sub>-M-D).

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

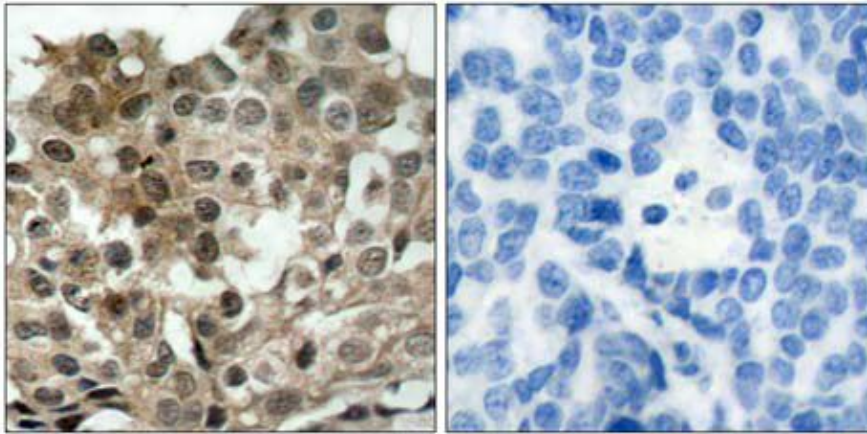
**Specificity/Sensitivity:** FKHRL1 (phospho-Ser253) antibody detects endogenous levels of FKHRL1 only when phosphorylated at serine 253.

**Reactivity:** Human, Mouse, Rat

### Applications:

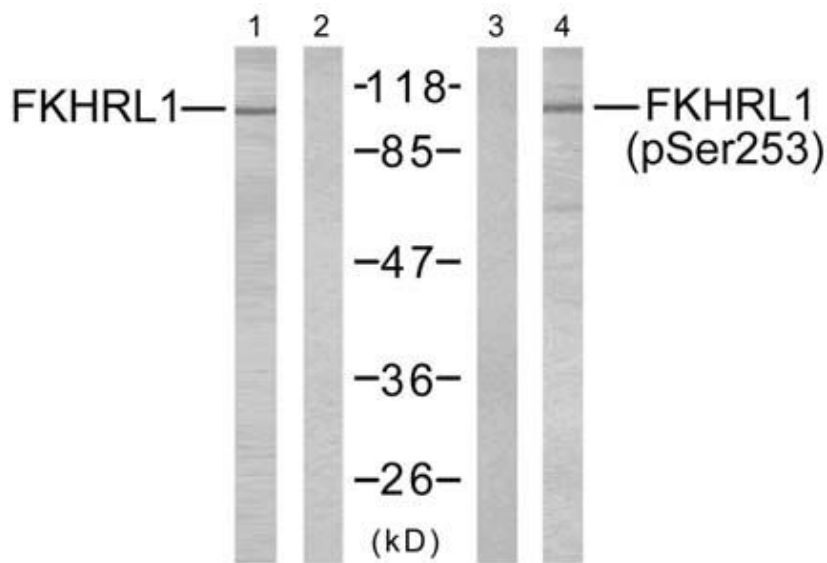
Predicted MW: 97kd

WB: 1:500~1:1000 IHC: 1:50~1:100 IF:1:100~1:200



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

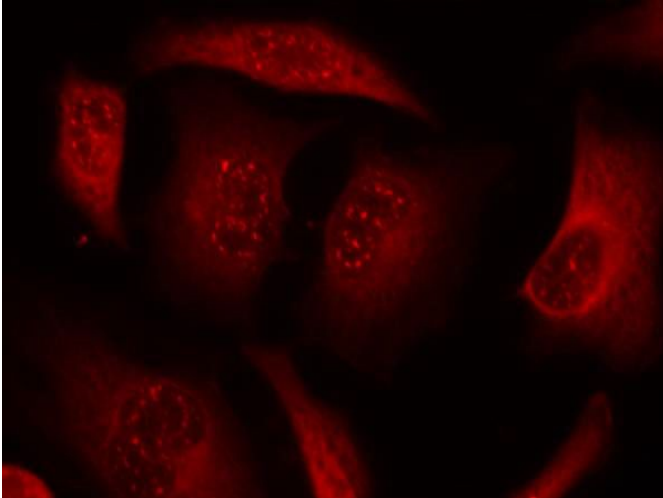


Serum            -   -   -   +

Peptide	-	+	-	-
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Western blot analysis of extracts from NIH/3T3 cells using FKHRL1 (Ab-253) antibody (#21171, Lane 1 and 2) and

FKHRL1 (phospho-Ser253) antibody (#11157, Lane 3 and 4)



Immunofluorescence staining of methanol-fixed MCF7 cells using FKHL1 (phospho-Ser253) antibody (#11157, Red).

### **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'.

### **References:**

- Smith WW, et al. (2005) J Cell Biol; 169(2): 331-9.
- Essafi A, et al. (2005) Oncogene; 24(14): 2317-29.
- Brunet A, et al. (2001) Mol Cell Biol; 21(3): 952-65.
- Brunet A, et al. (1999) Cell; 96(6): 857-68.