AFX(Phospho-Ser197) Antibody

Catalog No: #11137

Package Size: #11137-1 50ul #11137-2 100ul #11137-4 25ul

Overview

Product Name	AFX(Phospho-Ser197) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	AFX
Modification	Phospho-Ser197
Alternative Names	AFX; FOXO4; AFX1; Afxh;

Application Details

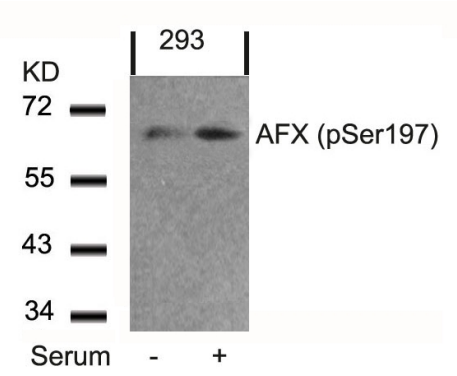
Predicted MW: 65kd

Western blotting: 1:500~1:1000

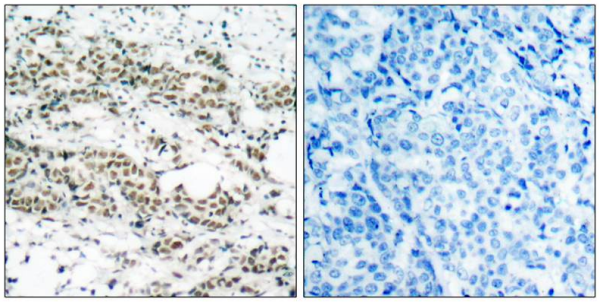
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

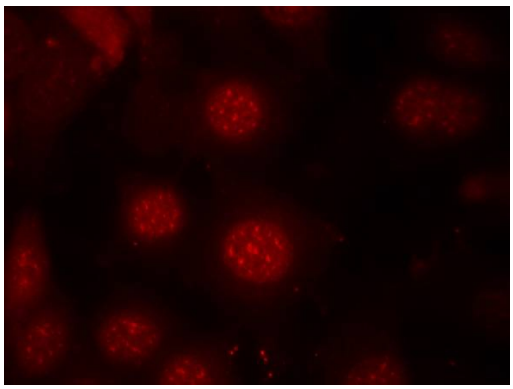
Images



Western blot analysis of extracts from 293 cells untreated or treated with serum using AFX(Phospho-Ser197) Antibody #11137.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using AFX(Phospho-Ser197) Antibody #11137(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed MCF7 cells using AFX(Phospho-Ser197) Antibody #11137.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 197 (A-A-S(p)-M-D) derived from Human AFX.
Specificity	The antibody detects endogenous level of AFX only when phosphorylated at serine 197.
Purifiction	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 non-phosphopeptide.
Formulation	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.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P98177NCBI Protein: NP_001164402.1

Related Information

Transcription factor involved in the regulation of the insulin signaling pathway. Binds to insulin-response elements (IREs) and can activate transcription of IGFBP1. Down-regulates expression of HIF1A and suppresses hypoxia-induced transcriptional activation of HIF1A-modulated genes. Also involved in negative regulation of the cell cycle.

Di Maira G, et al. (2005)Cell Death Differ; 12(6): 668-77.
Essers MA, et al. EMBO J 2004 Nov. 11.
Brownawell AM, (2001) Mol Cell Biol; 21(10): 3534-46.
Kops GJ, et al. (1999) Nature; 398(6728): 630-4.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.