cdc25C(Phospho-Ser216) Antibody

Catalog No: #11118

Package Size: #11118-1 50ul #11118-2 100ul #11118-4 25ul

Overview

Product Name	cdc25C(Phospho-Ser216) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Peptide-KLH
Target Name	cdc25C
Modification	Phospho-Ser216
Alternative Names	CDC25M1; MPIP3;

Application Details

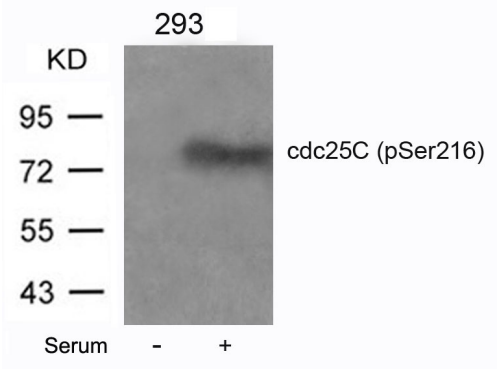
Predicted MW: 60 80kd

Western blotting: 1:500~1:1000

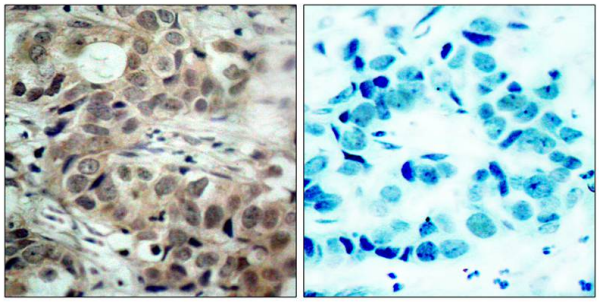
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

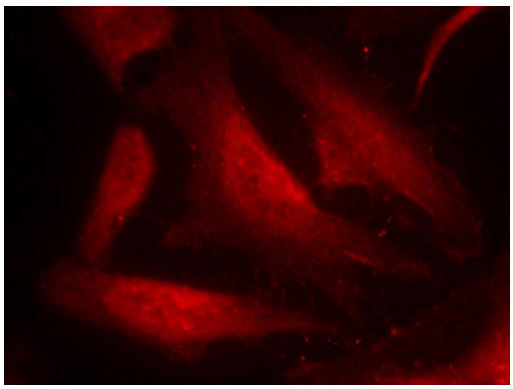
Images



Western blot analysis of extracts from 293 cells untreated or treated with serum using cdc25C(Phospho-Ser216) Antibody #11118.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using cdc25C(Phospho-Ser216) Antibody #11118(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using cdc25C(Phospho-Ser216) Antibody #11118.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 216 (S-P-S(p)-M-P) derived from Human cdc25C.
Specificity	The antibody detects endogenous level of cdc25C only when phosphorylated at serine 216.
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: P30307NCBI Protein: NP_001781.2

Related Information

cdc25C is highly conserved during evolution and it plays a key role in the regulation of cell division. The encoded protein is a tyrosine phosphatase and belongs to the Cdc25 phosphatase family. It directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It is also thought to suppress p53-induced growth arrest. Multiple alternatively spliced transcript variants of this gene have been described, however, the full-length nature of many of them is not known.

Toyoshima-Morimoto F. et al. (2002) EMBO Rep. 3(4): 341-348.
Ferguson AM. et al. (2005) Mol Cell Biol. 25(7): 2853-2860.
Donzelli M. et al. (2003) EMBO Rep. 4(7): 671-677.
Chen F. et al. (2002) Proc Natl Acad Sci U S A. 99(4): 1990-1995.