Phospho-cdc25C-S216 Rabbit pAb

Catalog NO.: AP0577 **1 Publications**

Basic Information

Observed MW
60kDa

Calculated MW
53kDa

Category
Phosphorylated Antibodies

Applications
WB, IHC-P, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

Background

This gene encodes a conserved protein that plays a key role in the regulation of cell division. The encoded protein directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It also suppresses p53-induced growth arrest. Multiple alternatively spliced transcript variants of this gene have been described.

Recommended Dilutions

WB	1:100 - 1:500
IHC-P	1:50 - 1:200

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
995

Swiss Prot
P30307

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
CDC25; PPP1R60; Phospho-cdc25C-S216

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

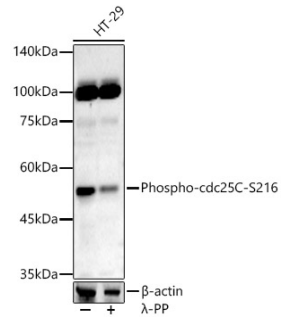
Source
Rabbit

Isotype
IgG

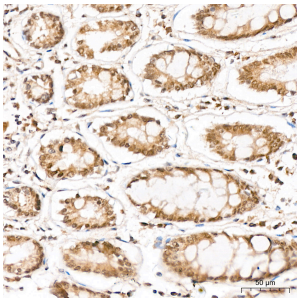
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

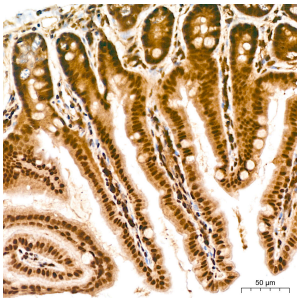
Validation Data



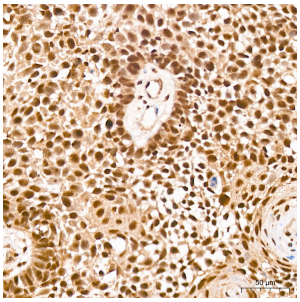
Western blot analysis of lysates from HT-29 cells, using Phospho-cdc25C-S216 Rabbit pAb (AP0577) at 1:400 dilution.
HT-29 cells were treated by λ-PP mixed solution (1ul) at 30°C for 30 minutes.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



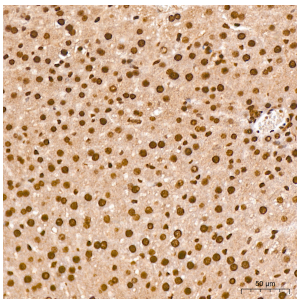
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Phospho-cdc25C-S216 Rabbit pAb (AP0577) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

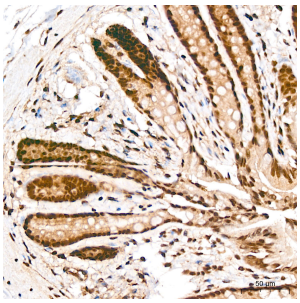


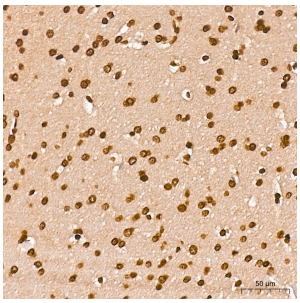
Immunohistochemistry analysis of paraffin-embedded Mouse intestin tissue using Phospho-cdc25C-S216 Rabbit pAb (AP0577) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human cervix cancer tissue using Phospho-cdc25C-S216 Rabbit pAb (AP0577) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.







Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using Phospho-cdc25C-S216 Rabbit pAb (AP0577) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Phospho-cdc25C-S216 Rabbit pAb (AP0577) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using Phospho-cdc25C-S216 Rabbit pAb (AP0577) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.