Pan Phospho-Threonine Rabbit mAb

Catalog NO.: AP1422 Recombinant 1 Publications

Basic Information

Observed MW
10-250kDa/

Calculated MW

Category
Phosphorylated Antibodies

Applications
WB, IP, ELISA

Cross-Reactivity
Human, Mouse, Rat, Other (Wide Range Predicted)

Conjugation
Unconjugated

Clone number
ARC61310

Background

Recommended Dilutions

WB 1:500 - 1:1000

IP
0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

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

Immunogen Information

Gene ID **Swiss Prot**

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

Synonyms

Contact

Product Information

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

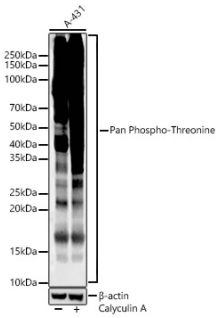
Source
Rabbit

Isotype
IgG

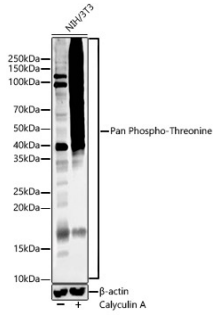
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

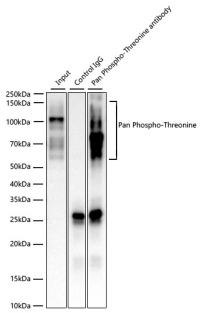
Validation Data



Western blot analysis of lysates from A-431, using Pan Phospho-Threonine Rabbit mAb (AP1422) at 1:1000 dilution. A 431 treated with Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight.
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 Enhanced Kit (RM00021).
Exposure time: 60s.



Western blot analysis of lysates from NIH 3T3 or NIH 3T3 treat with Calyculin A, using Pan Phospho-Threonine Rabbit mAb (AP1422) at 1:1000 dilution. NIH/3T3 cells were treated with Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight.
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 Enhanced Kit (RM00021).
Exposure time: 60s.



Immunoprecipitation of Pan Phospho-Threonine from 300 µg extracts of A-431 cells treated with calyculin A (200nM,30min) was performed using 2 µg of Pan Phospho-Threonine Rabbit mAb (AP1422). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Pan Phospho-Threonine Rabbit mAb (AP1422) at a dilution of 1:1000.