

Pan Phospho-Tyrosine Rabbit mAb

Catalog No.: AP1316 **Recombinant**

Basic Information

Observed MW

10-250kDa

Calculated MW

>10KDa

Category

Primary antibody

Applications

ELISA, WB, IP

Cross-Reactivity

Human, Mouse, Other (Wide Range Predicted)

CloneNo number

ARC54380

Background

Tyrosine phosphorylation (pTyr), much of which occurred on localized multiple sites, initiates cellular signaling, governs cellular functions, and its dysregulation is implicated in many diseases, especially cancers. pTyr-specific sensing is of great significance for understanding disease states and developing targeted anticancer drugs.

Recommended Dilutions

WB 1:1000 - 1:5000

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

Immunogen Information

Gene ID

Swiss Prot

Immunogen

A synthetic peptide corresponding to a sequence containing phosphorylated Y.

Synonyms

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

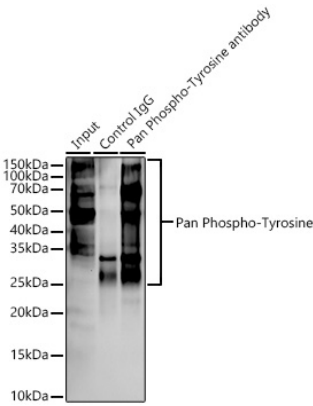
Affinity purification

Storage

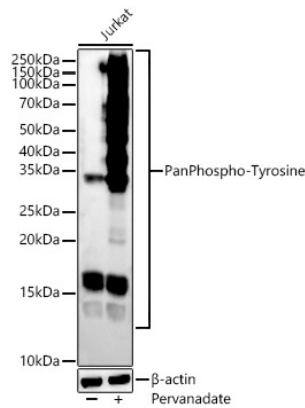
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

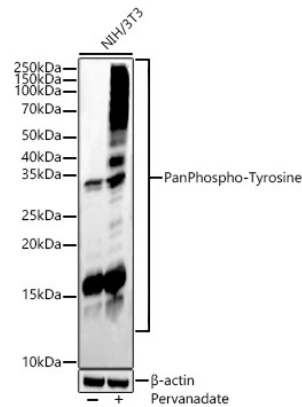
Validation Data



Immunoprecipitation analysis of 300 µg extracts of Jurkat cells using 3 µg Pan Phospho-Tyrosine antibody (AP1316). Western blot was performed from the immunoprecipitate using Pan Phospho-Tyrosine antibody (AP1316) at a dilution of 1:5000.



Western blot analysis of various lysates, using Pan Phospho-Tyrosine Rabbit mAb (AP1316) at 1:2000 dilution. Jurkat cells were treated by Pervanadate (1 mM) at 37°C for 30 minutes. Secondary antibody: HRP 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.



Western blot analysis of lysates from NIH/3T3 cells, using Pan Phospho-Tyrosine Rabbit mAb (AP1316) at 1:2000 dilution. NIH/3T3 cells were treated by Pervanadate (1 mM) at 37°C for 30 minutes. Secondary antibody: HRP 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.