

Nitro-Tyrosine Rabbit pAb

Catalog No.: A20506

Basic Information

Observed MW

10-250kDa

Calculated MW

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

Tyrosine nitration of proteins is one of the most important oxidative post-translational modifications in vivo. A major obstacle for its biochemical and physiological studies is the lack of efficient and chemoselective protein tyrosine nitration reagents.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

Swiss Prot

Immunogen

Chemical compounds corresponding to Nitro-Tyrosine.

Synonyms

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

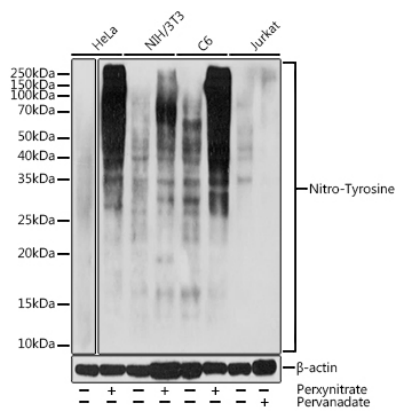
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using Nitro-Tyrosine Rabbit pAb (A20506) at 1:1000 dilution. HeLa and C6 cells were treated by Peroxynitrate (3 mM) for 1 hour. NIH3T3 cells were treated by Peroxynitrate (3 mM) for 3 hours. Jurkat cells were treated by Pervanadate (1 mM) at 37°C for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.