

## Nitro-Tyrosine polyclonal antibody

Catalog: BS74127

Host: Rabbit

Reactivity: Species independent

### 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.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

10-250KDa

### Swiss-Prot:

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB, 1:500 - 1:2000

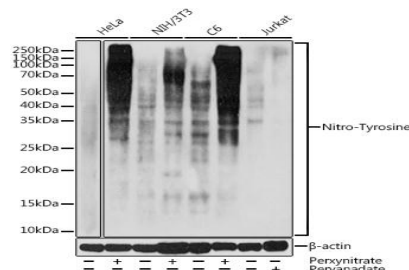
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Modification:

Other Modified

### DATA:



Western blot analysis of extracts of various cell lines, using Nitro-Tyrosine antibody at 1:1000 dilution. HeLa and C6 cells were treated by Perxynitrate for 1 hours. NIH3T3 cells were treated by Perxynitrate for 3 hours. Jurkat cells were treated by Pervanadate at 37°C for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

### Note:

For research use only, not for use in diagnostic procedure.

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