

Anti-Streptococcus NADase Inhibitor antibody, rabbit polyclonal

64-004 100 µl

Function: NAD (nicotinamide adenine dinucleotide) hydrolyzing enzyme is one of the extracellular enzymes and toxins produced by hemolytic streptococci. NADase inhibitor forms a complex with NADase in cells and only NADase is secreted into culture medium.

Applications

1. Western blotting (1/3,000 dilution)
2. Immunoprecipitation
3. ELISA

Specification

Immunogen: Purified recombinant His-tagged NADase inhibitor of *S. dysgalactiae* expressed in *E. coli*

Reactivity: NADase inhibitor of *Streptococcus*

Form: Undiluted anti-serum added with 0.09 % sodium azide

Storage: Shipped at 4°C or at -20°C. Upon arrival, aliquot and store at -20°C. Avoid repeated freeze-thaw cycles.

Data Link: UniProt/U3TL99 (*Streptococcal* NAD glycohydrolase inhibitor)

Reference: This antibody was used in the following publications:

Kimoto H et al "Genetic and biochemical properties of streptococcal NAD-glycohydrolase inhibitor" *J Biol Chem* 281: 9181-9189 (2006) PMID: 16380378

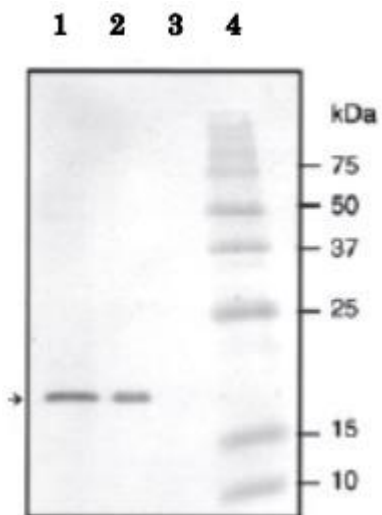


Figure. Identification of NADase inhibitor in crude extracts by western blotting with anti NADase inhibitor antibody.

The antibody was used at 1/3,000 dilution.

1. Cell lysate of *S. dysgalactiae*
2. Cell lysate of *E. coli* overexpressing His-tagged NADase inhibitor.
3. Culture supernatant of *S. dysgalactiae*
4. Molecular size markers.