

32-5908: Polyclonal Anti Anthrax PA

Clonality : Polyclonal

Application : WB

Format : Purified

Isotype : Rabbit IgG

Description

Anthrax PA (Protective Antigen) and Anthrax LF (Lethal Factor), along with Anthrax EF (Edema Factor), are toxins produced by *Bacillus anthracis*. All three of the proteins must be present for toxicity to occur. It begins with the binding of PA to its cell-surface receptor, ATR (Anthrax Toxin Receptor), at which point PA is cleaved and the resulting 63 kD carboxyl-terminal fragment binds to LF and EF. LF is a protease that is known to cleave members of the mitogen-activated protein kinase kinase (MAPKK) family(2).

Product Info

Amount : 400 µl

Content : 200 µl PBS containing 0.05% BSA and 0.05% sodium azide.

Storage condition : Store at 4°C, stable for 6 months. For long-term storage, store at -20°C.

Application Note

This polyclonal antibody can be used for detection of Anthrax PA protein in western blot, 1:1000.