

PACO50258

Product Information

Size:

50ug

Reactivity:

Clostridium perfringens

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000

Protein Background:

Sulfhydryl-activated toxin that causes cytolysis by forming pores in cholesterol containing host membranes. After binding to target membranes, the protein assembles into a pre-pore complex. A conformation change leads to insertion in the host membrane and formation of an oligomeric pore complex. Cholesterol may be required for binding to host cell membranes, membrane insertion and pore formation. Can be reversibly inactivated by oxidation.

Gene ID:

pfo

Uniprot

POC2E9

Synonyms:

Perfringolysin O (Theta-toxin) (Thiol-activated cytolysin), pfo, pfoA pfoR

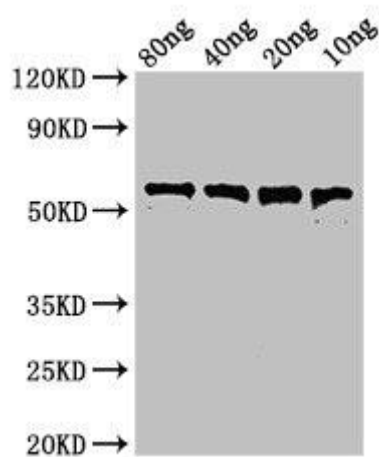
Immunogen:

Recombinant Clostridium perfringens Perfringolysin O protein (29-500AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images



Western Blot. Positive WB detected in Recombinant protein. All lanes: pfo antibody at 3 μ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 56 kDa. Observed band size: 56 kDa.