

PACO34622

Product Information

Size:

50ug

Reactivity:

Naja atra

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:**Protein Background:**

Basic protein that bind to cell membrane and depolarizes cardiomyocytes. This cytotoxin also shows lytic activities, but 2-fold more important than that of CTX-A2. It binds to the integrin alpha-V/beta-3 with a moderate affinity. Inhibits protein kinase C. It may interact with sulfatides in the cell membrane, which induces pore formation and cell internalization and is responsible for cytotoxicity in cardiomyocytes. It also may target the mitochondrial membrane and induces mitochondrial swelling and fragmentation.

Gene ID:**Uniprot**

P01443

Synonyms:

Cytotoxin 4 (CTX-4M) (CTX4) (Cardiotoxin A4) (CTX A4) (Cardiotoxin analog IV) (CTX IV)

Immunogen:

Recombinant Naja atra Cytotoxin 4 protein (22-81AA).

Storage:

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

Product Images

N/A

N/A