

PACO34382

Product Information

Size:

50ug

Reactivity:

Bacillus subtilis

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000

Protein Background:

Involved in the oxidation of myo-inositol (MI) and D-chiro-inositol (DCI) to 2-keto-myo-inositol (2KMI or 2-inosose) and 1-keto-D-chiro-inositol (1KDCI), respectively. Can also use D-glucose and D-xylose, and shows a trace of activity with D-ribose and D-fructose.

Gene ID:

iolG

Uniprot

P26935

Synonyms:

Inositol 2-dehydrogenase/D-chiro-inositol 3-dehydrogenase (EC 1.1.1.18) (EC 1.1.1.369) (Myo-inositol 2-dehydrogenase/D-chiro-inositol 3-dehydrogenase) (MI 2-dehydrogenase/DCI 3-dehydrogenase), iolG, idh

Immunogen:

Recombinant Bacillus subtilis Inositol 2-dehydrogenase/D-chiro-inositol 3-dehydrogenase protein (1-344AA).

Storage:

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

Product Images



Western blot. All lanes: ioIG antibody at 2 μ g/ml + Recombinant Inositol 2-dehydrogenase/D-chiro-inositol 3-dehydrogenase protein 0.1 μ g. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 39 kDa. Observed band size: 39 kDa.