

PACO63771

Product Information

Size:

50ul

Reactivity:

Azotobacter vinelandii

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

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

Protein Background:

Catalyzes the depolymerization of alginate by cleaving the beta-1,4 glycosidic bond between two adjacent sugar residues via a beta-elimination mechanism. Splits ManA-ManA and ManA-GulA bonds, but not GulA-ManA or GulA-GulA bonds. Also cleaves acetylated residues. May serve to degrade mislocalized alginate that is trapped in the periplasmic space.

Gene ID:

algL

Uniprot

O52195

Synonyms:

Alginate lyase (EC 4.2.2.3) (Poly(beta-D-mannuronate) lyase), algL

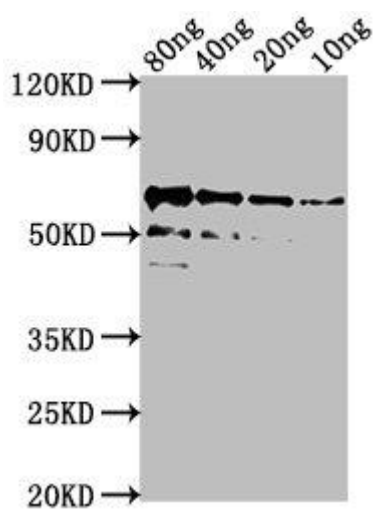
Immunogen:

Recombinant Azotobacter vinelandii Alginate lyase protein (24-374AA).

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: algL antibody at 1:2000. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 62 kDa. Observed band size: 62 kDa.