

## عنوان مقاله:

Chitinolytic Activity of Native *Pseudomonas fluorescens* Strains

## محل انتشار:

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## خلاصه مقاله:

The chitinase producing ability of *Pseudomonas fluorescens* strains viz., PF<sub>1</sub>, PB<sub>2</sub> and FP<sub>Y</sub> was evaluated in a culture medium with and without a chitin source. The addition of ۱% (v/v) chitin in culture medium significantly increased the bacterial population and chitinase activity. Among three strains tested, FP<sub>Y</sub> responded well to the addition of chitin by producing ۳۱.۲% increased chitinase in culture. Western blot analysis with chitinase antibody detected six and five .chitinase isoforms in culture inoculated with FP<sub>Y</sub> and PF<sub>1</sub>, respectively

## کلمات کلیدی:

Biological control, Chitin, Chitinase, *Pseudomonas fluorescens*

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1816197>

