

## Thiaminase-1 Antibody

PACO53790

### Description

---

This Thiaminase-1 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

---

|                      |   |
|----------------------|---|
| <b>SKU:</b>          | PACO53790   |
| <b>Contents:</b>     | 50µg<br>Bradford Reagent: 1 vial (2ml)  |
| <b>Category:</b>     | -   |
| <b>Synonyms:</b>     | Thiaminase-1 antibody, EC 2.5.1.2 antibody, Thiaminase I antibody, Thiamine pyridinylase antibody |
| <b>Clone:</b>        | Polyclonal  |
| <b>Applications:</b> | <b>ELISA</b> <b>WB</b>  |
| <b>Conjugation:</b>  | Non-conjugated  |
| <b>Reactivity:</b>   | Paenibacillus thiaminolyticus   |

### Antibody Data

---

|                           |   |
|---------------------------|---|
| <b>Isotype:</b>           | IgG   |
| <b>Uniprot:</b>           | P45741  |
| <b>Host Species:</b>      | Rabbit  |
| <b>Purification:</b>      | >95%, Protein G purified  |
| <b>Immunogen:</b>         | Recombinant Paenibacillus thiaminolyticus Thiaminase-1 protein (30-409AA)     |
| <b>Immunogen Species:</b> | Paenibacillus thiaminolyticus   |
| <b>Buffer:</b>            | Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| <b>Form:</b>              | Liquid  |

## Preparation & Storage

---

**Storage:** Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Recommended Dilutions:**

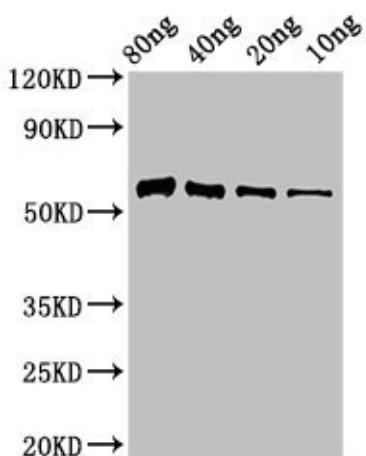
| Application | Recommended Dilution |
|-------------|----------------------|
| WB          | 1:500-1:5000         |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

---

### Image



### Description

Western Blot Positive WB detected in Recombinant protein All lanes: Thiaminase-1 antibody at 3 $\mu$ g/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 58 kDa Observed band size: 58 kDa