

Product datasheet

Anti-beta Amylase antibody (HRP) - Azide free ab34582

Overview

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|----------------------------|---|
| Product name | Anti-beta Amylase antibody (HRP) - Azide free |
| Description | Rabbit polyclonal to beta Amylase - Azide free (HRP) |
| Host species | Rabbit |
| Conjugation | HRP |
| Tested applications | Suitable for: WB, ELISA, Dot blot, Electron Microscopy |
| Species reactivity | Reacts with Sweet potato. Not yet tested in other species. |
| Immunogen | Beta Amylase (Sweet Potato) |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C. |
| Storage buffer | pH: 7.20 Preservative: 0.01% Gentamicin sulphate Constituents: 1% BSA, 0.42% Potassium phosphate, 0.87% Sodium chloride |
| Purity | IgG fraction |
| Purification notes | This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer. |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab34582** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|-------|
| WB | | |
| ELISA | | |

| Application | Abreviews | Notes |
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Dot blot

Electron Microscopy

Application notes

Dot: Use at an assay dependent dilution.

Electron Microscopy: Use at an assay dependent dilution.

ELISA: 1/500 - 1/1000.

WB: Use at an assay dependent dilution. Predicted molecular weight: 56 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

Beta Amylase is an enzyme found in the seeds of higher plants and in sweet potatoes. It hydrolyses 1,4 alpha D glucosidic linkages in polysaccharides to remove successive maltose units from the non reducing ends of the chains. Used in the structural analysis of starch and glycogen.

Cellular localization

Cytoplasmic

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