

Product datasheet

Anti-DNase I antibody ab34789

Overview

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|----------------------------|---|
| Product name | Anti-DNase I antibody |
| Description | Rabbit polyclonal to DNase I |
| Host species | Rabbit |
| Specificity | ab34789 recognises Deoxyribonuclease I. |
| Tested applications | Suitable for: Dot blot, WB, ELISA |
| Species reactivity | Reacts with: Cow |
| Immunogen | Deoxyribonuclease I from Bovine Pancreas. |
| General notes | Antibody Concentration was determined by Refractometry. |

Properties

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| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. |
| Storage buffer | Preservative: 0.01% Sodium azide Constituents: 0.16% Sodium phosphate, 0.88% Sodium chloride Whole serum after delipidation and defibrination. |
| Purity | Whole antiserum |
| Purification notes | ab34789 is prepared from monospecific antiserum by a delipidation and defibrination. |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab34789** 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 |
|-------------|-----------|-------------------------------------|
| Dot blot | | Use at an assay dependent dilution. |

| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | 1/2000 - 1/10000. Predicted molecular weight: 31 kDa. |
| ELISA | | 1/20000 - 1/100000. |

Target

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|------------------------------|--|
| Function | Among other functions, seems to be involved in cell death by apoptosis. Binds specifically to G-actin and blocks actin polymerization. |
| Tissue specificity | Principally in tissues of the digestive system. Highest levels found in urine, but also relatively abundant in semen and saliva. |
| Sequence similarities | Belongs to the DNase I family. |
| Cellular localization | Secreted. Nucleus envelope. Secretory protein, stored in zymogen granules and found in the nuclear envelope. |

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