

Product datasheet

Anti-DNase I antibody ab34789

Overview

Product name	Anti-DNase I antibody
Description	Rabbit polyclonal to DNase I
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

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.
WB		1/2000 - 1/10000. Predicted molecular weight: 31 kDa.

Application	Abreviews	Notes
ELISA		1/20000 - 1/100000.

Target

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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