

Product datasheet

Anti-BASE antibody ab43252

Overview

Product name	Anti-BASE antibody
Description	Mouse polyclonal to BASE
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Rhesus monkey 
Immunogen	Recombinant fragment: KNPQLLHVSIESTPQRKEAT , corresponding to internal sequence amino acids 87-106 of Human BASE Run BLAST with Run BLAST with

General notes

This antibody was raised by a genetic immunization technique. Genetic immunization can be used to generate antibodies by directly delivering antigen-coding DNA into the animal, rather than injecting a protein or peptide (Tang et al. PubMed: 1545867; Chambers and Johnston PubMed 12910245; Barry and Johnston PubMed: 9234514). The animal's cells produce the protein, which stimulates the animal's immune system to produce antibodies against that particular protein. A vector coding for a partial fusion protein was used for genetic immunisation of a mouse and the resulting serum was tested in Western blot against an E.coli lysate containing that partial fusion protein. Genetic immunization offers enormous advantages over the traditional protein-based immunization method. DNA is faster, cheaper and easier to produce and can be produced by standard techniques readily amenable to automation. Furthermore, the antibodies generated by genetic immunization are usually of superior quality with regard to specificity, affinity and recognizing the native protein.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 50% Glycerol, Whole serum
Purity	Whole antiserum
Primary antibody notes	This antibody was raised by a genetic immunization technique. Genetic immunization can be

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Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab43252** 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		1/1000. Predicted molecular weight: 19 kDa. This antibody has been tested in Western blot against an <i>E.coli</i> lysate containing the partial recombinant fusion protein used as an immunogen. We have no data on detection of endogenous protein.

Target

Relevance	BASE belongs to the BP/LBP/Plunc superfamily of proteins and is expressed in breast cancer and salivary gland. It may have surfactant properties.
Cellular localization	Secreted

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