

Product datasheet

Anti-Pre3 antibody ab43110

概述

产品名称	Anti-Pre3抗体
描述	小鼠多克隆抗体to Pre3
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: <i>Saccharomyces cerevisiae</i>
免疫原	<p>Vector coding for a partial recombinant fusion protein, corresponding to amino acids 61-160 of <i>Saccharomyces cerevisiae</i> Pre3. Target sequence used to make the antibody: WCCRSGSAAD TQAIADVMQY HLELYTSQYG TPSTETAASV FKELCYENKD NLTAGIIVAG YDDKKNKGEVY TIPLGGSVHK LPYAIAGSGS TFIYGYCDKN.</p> <p> Run BLAST with ExPASy  Run BLAST with NCBI</p>

常规说明

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.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	Constituents: Whole serum, 50% Glycerol
纯度	Whole antiserum
Primary antibody说明	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 <i>et al.</i> 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.

克隆 多克隆
同种型 IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab43110** in the following tested applications.

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

应用	Ab 评论	说明
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WB		1/1000. Predicted molecular weight: 24 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.
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靶标

相关性 Proteasome chain PRE3 is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. It has an ATP-dependent proteolytic activity. PRE3 and PRE4 are necessary for the peptidyl-glutamyl-peptide-hydrolyzing activity.

细胞定位 Cytoplasmic and Nuclear

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