

Product datasheet

Anti-Gustatory receptor 22e antibody ab43610

概述

产品名称	Anti-Gustatory receptor 22e抗体
描述	小鼠多克隆抗体to Gustatory receptor 22e
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: Drosophila melanogaster
免疫原	Recombinant fragment: MFRPSGSGYRQKWTGLTLKG , corresponding to N terminal amino acids 1-20 of Fruit fly (Drosophila melanogaster) Gustatory receptor 22e
	Run BLAST with Run BLAST with

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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
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 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.

克隆 多克隆
同种型 IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab43610** 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: 45 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 The Gustatory receptor 22e protein, Gr22e, is a member of the G-protein coupled receptor Dr-tr family, type III subfamily. It has a probable role in the *Drosophila* gustatory response. Gr22e is found in the taste bristles on the labial palp, labral and cibarial sense organs, chemosensory bristles on the leg and anterior wing margin.

细胞定位 Cell membrane; Multi-pass membrane protein

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