

## Product datasheet

# GNB1 peptide ab4972

### 概述

产品名称 GNB1肽

### 描述

性质 Synthetic

### 技术指标

Our [Abpromise guarantee](#) covers the use of **ab4972** in the following tested applications.

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

应用 Blocking

形式 Liquid

### 补充说明

This peptide may be used for neutralization and control experiments with the polyclonal antibody that reacts with this product and human transducin beta, catalog [ab3433](#). Using a solution of peptide of equal volume and concentration to the corresponding antibody will yield a large molar excess of peptide (~ 70-fold) for competitive inhibition of antibody-protein binding reactions.

### 制备和贮存

稳定性和存储 Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

### 常规信息

功能 Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.

序列相似性 Belongs to the WD repeat G protein beta family.  
Contains 7 WD repeats.

翻译后修饰 Phosphorylation at His-266 by NDKB contributes to G protein activation by increasing the high energetic phosphate transfer onto GDP.

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