

Product datasheet

Human CBR1 peptide ab22991

Overview

Product name Human CBR1 peptide

Description

Nature Synthetic

Amino Acid Sequence

Species Human

Sequence C-HGQFVSEKRVEQW

Amino acids 265 to 277

Specifications

Our [Abpromise guarantee](#) covers the use of **ab22991** in the following tested applications.

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

Applications Blocking - Blocking peptide for Anti-CBR1 antibody ([ab4148](#))

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

General Info

Function NADPH-dependent reductase with broad substrate specificity. Catalyzes the reduction of a wide variety of carbonyl compounds including quinones, prostaglandins, menadione, plus various xenobiotics. Catalyzes the reduction of the antitumor anthracyclines doxorubicin and daunorubicin to the cardiotoxic compounds doxorubicinol and daunorubicinol. Can convert prostaglandin E2 to prostaglandin F2-alpha. Can bind glutathione, which explains its higher affinity for glutathione-conjugated substrates. Catalyzes the reduction of S-nitrosoglutathione.

Sequence similarities Belongs to the short-chain dehydrogenases/reductases (SDR) family.

Cellular localization Cytoplasm.

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