

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Catalase (R381) Peptide

Cat No.: BS1616P

Background

Catalase is a peroxisome specific marker protein belonging to the catalase family. Defects in the gene encoding for the catalase protein, CAT, can cause acatalasia, a disease characterized by the absence of catalase activity in red cells and associated with ulcerating oral lesions. Catalase is also an important regulator of oxidative stress and inflammation, and may contribute to the development of rheumatoid arthritis. Catalase, which can form a homotetramer, is found in nearly all aerobically respiring organisms and functions in protecting cells from the toxic effects of hydrogen peroxide.

Swiss-Prot

P04040

Applications

Blocking

Specificity

This peptide can be used with studies using BS1616 Catalase (R381) pAb.

Purification & Purity

Synthetic peptide Catalase (R381). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.