

HGD Antibody (C-term) Blocking Peptide

Synthetic peptide Catalog # BP6883b

Specification

HGD Antibody (C-term) Blocking Peptide - Product Information

Primary Accession

Q93099

HGD Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 3081

Other Names

Homogentisate 1, 2-dioxygenase, Homogentisate oxygenase, Homogentisic acid oxidase, Homogentisicase, HGD, HGO

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP6883b was selected from the C-term region of human HGD. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HGD Antibody (C-term) Blocking Peptide - Protein Information

Name HGD

Synonyms HGO

Function

Catalyzes the conversion of homogentisate to maleylacetoacetate.

Tissue Location

Highest expression in the prostate, small intestine, colon, kidney and liver

HGD Antibody (C-term) Blocking Peptide - Protocols





Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides

HGD Antibody (C-term) Blocking Peptide - Images

HGD Antibody (C-term) Blocking Peptide - Background

Homogentisate 1,2-dioxygenase (HGD) gene mutations are the molecular cause of alkaptonuria, a rare hereditary disorder of the phenylalanine catabolism.

HGD Antibody (C-term) Blocking Peptide - References

Abdulrazzag, Y.M., et.al., Ann. Hum. Genet. 73 (1), 125-130 (2009)