10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DHDH Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9287a

Specification

DHDH Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9UQ10

DHDH Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 27294

Other Names
Trans-1, 2-dihydrobenzene-1, 2-diol dehydrogenase, D-xylose 1-dehydrogenase, D-xylose-NADP dehydrogenase, Dimeric dihydrodiol dehydrogenase, Hum2DD, DHDH, 2DD

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9287a was selected from the N-term region of human DHDH. 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.

DHDH Antibody (N-term) Blocking Peptide - Protein Information

Name DHDH

Synonyms 2DD

Tissue Location
Small intestine..

DHDH Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

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DHDH Antibody (N-term) Blocking Peptide - Images

DHDH Antibody (N-term) Blocking Peptide - Background

DHDH encodes an enzyme that belongs to the family of dihydrodiol dehydrogenases, which exist in multiple forms in mammalian tissues and are involved in the metabolism of xenobiotics and sugars. These enzymes catalyze the NADP1-linked oxidation of transdihydrodiols of aromatic hydrocarbons to corresponding catechols. This enzyme is a dimeric dihydrodiol dehydrogenase, and it differs from monomeric dihydrodiol dehydrogenases in its high substrate specificity for trans-dihydrodiols of aromatic hydrocarbons in the oxidative direction.

DHDH Antibody (N-term) Blocking Peptide - References

Guey,L.T., et.al, Eur. Urol. 57 (2), 283-292 (2010)Hosgood,H.D. et.al, Occup Environ Med 66 (12), 848-853 (2009)Hosgood,H.D. III, et.al, Respir Med 103 (12), 1866-1870 (2009)