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

ALDH16A1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP9055a

Specification

ALDH16A1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q8IZ83

ALDH16A1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 126133

Other Names
Aldehyde dehydrogenase family 16 member A1, ALDH16A1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9055a was selected from the N-term region of human ALDH16A1. 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.

ALDH16A1 Antibody (N-term) Blocking Peptide - Protein Information

Name ALDH16A1

ALDH16A1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

ALDH16A1 Antibody (N-term) Blocking Peptide - Images

ALDH16A1 Antibody (N-term) Blocking Peptide - Background

ALDH16A1 is a member of the aldehyde dehydrogenase superfamily. The family members act on aldehyde substrates and use nicotinamide adenine dinucleotide phosphate (NADP) as a cofactor.

This protein is conserved in chimpanzee, dog, cow, mouse, rat, and zebrafish. The protein encoded by this gene interacts with maspardin, a protein that when truncated is responsible for Mast syndrome.

ALDH16A1 Antibody (N-term) Blocking Peptide - References

Hanna,M.C. et.al., Neurogenetics 10 (3), 217-228 (2009)Ewing,R.M., et.al., Mol. Syst. Biol. 3, 89 (2007)