

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](/products/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)