

ALDH16A1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9055c**Specification**

ALDH16A1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q8IZ83](#)**ALDH16A1 Antibody (Center) 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 [AP9055c](/products/AP9055c) was selected from the Center 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 (Center) Blocking Peptide - Protein Information**Name** ALDH16A1**ALDH16A1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

ALDH16A1 Antibody (Center) Blocking Peptide - Images**ALDH16A1 Antibody (Center) 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 (Center) 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)