

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

## Specification

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### ALDH16A1 Antibody (Center) Blocking Peptide - Product Information

Primary 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)