

**IDI2 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP5119a****Specification**

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**IDI2 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9BXS1](#)**IDI2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 91734**Other Names**

Isopentenyl-diphosphate delta-isomerase 2, Isopentenyl pyrophosphate isomerase 2, IPP isomerase 2, IPPI2, IDI2

**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.

**IDI2 Antibody (N-term) Blocking Peptide - Protein Information****Name** IDI2**Function**

Catalyzes the 1,3-allylic rearrangement of the homoallylic substrate isopentenyl (IPP) to its highly electrophilic allylic isomer, dimethylallyl diphosphate (DMAPP).

**Cellular Location**

Peroxisome.

**Tissue Location**

Muscle-specific expression.

**IDI2 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**IDI2 Antibody (N-term) Blocking Peptide - Images**

**IDI2 Antibody (N-term) Blocking Peptide - Background**

IDI2 catalyzes the 1,3-allylic rearrangement of the homoallylic substrate isopentenyl (IPP) to its highly electrophilic allylic isomer, dimethylallyl diphosphate (DMAPP).

**IDI2 Antibody (N-term) Blocking Peptide - References**

Clizbe, D.B., et al. J. Biol. Chem. 282(9):6668-6676(2007) Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006) Breitling, R., et al. J. Mol. Evol. 57(3):282-291(2003)