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DECR1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP19618b

Specification

DECR1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession	Q16698

DECR1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 1666

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.

DECR1 Antibody (C-term) Blocking Peptide - Protein Information

Name DECR1

Synonyms DECR, SDR18C1

Function
Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions in mitochondria. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA.

Cellular Location
Mitochondrion.

Tissue Location
Heart = liver = pancreas > kidney >> skeletal muscle = lung.

DECR1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

DECR1 Antibody (C-term) Blocking Peptide - Images

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DECR1 Antibody (C-term) Blocking Peptide - Background

This gene encodes an accessory enzyme which participatesin the beta-oxidation and metabolism of unsaturated fatty enoyl-CoAesters.

DECR1 Antibody (C-term) Blocking Peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009)Persson, B., et al. Chem. Biol. Interact. 178 (1-3), 94-98 (2009) :Moe, K.T., et al. Eur. J. Neurol. 15(12):1309-1314(2008)Mizuta, I., et al. Hum. Genet. 124(1):89-94(2008)