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DHRS1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP17869c

Specification

DHRS1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q96LJ7

DHRS1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 115817

Other Names
Dehydrogenase/reductase SDR family member 1, 11--, DHRS1

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.

DHRS1 Antibody (Center) Blocking Peptide - Protein Information

Name DHRS1 (HGNC:16445)

Synonyms SDR19C1

Function
NADPH-dependent oxidoreductase which catalyzes the reduction of steroids (estrone, androstene-3,17-dione and cortisone) as well as prostaglandin E1, isatin and xenobiotics in vitro (PubMed:30031147). May have a role in steroid and/or xenobiotic metabolism (PubMed:30031147).

Cellular Location
Endoplasmic reticulum. Note=May be attached to the ER membrane by its C-terminus segment.

Tissue Location
Detected in heart, liver, adrenal glands, and at low levels in skeletal muscle, kidney, pancreas and brain

DHRS1 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

DHRS1 Antibody (Center) Blocking Peptide - Images

DHRS1 Antibody (Center) Blocking Peptide - Background

This gene encodes a member of the short-chaindehydrogenases/reductases (SDR) family. The encoded enzyme containsa conserved catalytic domain and likely functions as anoxidoreductase. Multiple alternatively spliced variants, encodingthe same protein, have been identified.

DHRS1 Antibody (Center) Blocking Peptide - References

Persson, B., et al. Chem. Biol. Interact. 178 (1-3), 94-98 (2009) :Wu, Q., et al. Mol. Biol. Rep. 28(4):193-198(2001)