

### **DHRS1 Antibody (Center) Blocking Peptide**

Synthetic peptide Catalog # BP17869c

### **Specification**

## **DHRS1 Antibody (Center) Blocking Peptide - Product Information**

**Primary Accession** 

096LI7

# **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:<a href="http://www.uniprot.org/citations/30031147" target="\_blank">30031147</a>). May have a role in steroid and/or xenobiotic metabolism (PubMed:<a href="http://www.uniprot.org/citations/30031147" target="\_blank">30031147</a>).

### **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**



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 contains 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)