

DHRS1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP17869c

Specification

DHRS1 Antibody (Center) - Product Information

Application WB,E
Primary Accession Q96LJ7

Other Accession <u>NP_001129522.1</u>, <u>NP_612461.1</u>

Reactivity
Host
Clonality
Polyclonal
Isotype
Calculated MW
Antigen Region

Human
Rabbit
Polyclonal
Rabbit IgG
33909
183-209

DHRS1 Antibody (Center) - Additional Information

Gene ID 115817

Other Names

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

Target/Specificity

This DHRS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 183-209 amino acids from the Central region of human DHRS1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DHRS1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

DHRS1 Antibody (Center) - 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

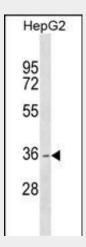
Detected in heart, liver, adrenal glands, and at low levels in skeletal muscle, kidney, pancreas and brain

DHRS1 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DHRS1 Antibody (Center) - Images

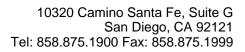


DHRS1 Antibody (Center) (Cat. #AP17869c) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the DHRS1 antibody detected the DHRS1 protein (arrow).

DHRS1 Antibody (Center) - Background

This gene encodes a member of the short-chain dehydrogenases/reductases (SDR) family. The encoded enzyme contains a conserved catalytic domain and likely functions as an oxidoreductase. Multiple alternatively spliced variants, encoding the same protein, have been identified.

DHRS1 Antibody (Center) - 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)