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DHRS1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17869c

Product Information

Application	WB, E
Primary Accession	Q96LJ7
Other Accession	NP_001129522.1, NP_612461.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB17943
Calculated MW	33909
Antigen Region	183-209

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.

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

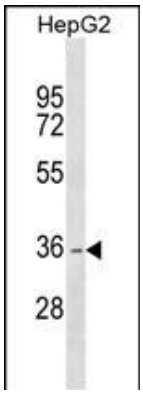
Background

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.

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)

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.