

DHRS7B Rabbit pAb

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Catalog # AP55037

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q6IAN0
Predicted	Rat, Dog, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35119
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DHRS7B
Epitope Specificity	241-325/325
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Peroxisome membrane; single-pass type II membrane protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene is located within the Smith-Magenis syndrome region on chromosome 17. It encodes a protein of unknown function. [provided by RefSeq, Jul 2008].

Additional Information

Gene ID	25979
Other Names	Peroxisomal reductase activating PPAR-gamma, PexRAP, 1.1.1.101, Dehydrogenase/reductase SDR family member 7B, Short-chain dehydrogenase/reductase family 32C member 1, Protein SDR32C1, DHRS7B (HGNC:24547)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	DHRS7B (HGNC:24547)
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Function	Reductase required for adipogenesis and activation of PPARG nuclear receptor. Can convert acyl and alkyl dihydroxyacetone-phosphate (DHAP) into glycerolipids and ether lipids, respectively, synthesizing ether-linked phospholipids that act as agonists for PPARG. Also regulates adipogenesis by preventing adipocyte browning: following import into the nucleus, interacts with PRDM16, inhibiting the interaction between PRDM16 and PPARG and preventing differentiation of brown adipocytes.
Cellular Location	Peroxisome membrane {ECO:0000250 UniProtKB:Q99J47}; Single-pass type II membrane protein. Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:Q5RJY4}; Single-pass type II membrane protein. Nucleus {ECO:0000250 UniProtKB:Q99J47}

Background

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