



Rabbit Anti-DHRS9 antibody

SL7859R

Product Name:	DHRS9
Chinese Name:	短链脱氢酶/还原酶家族9抗体
Alias:	Dehydrogenase/reductase SDR family member 9; DHRS9; DHRS9_HUMAN; NADP dependent retinol dehydrogenase/reductase; NADP-dependent retinol dehydrogenase/reductase; RDH-E2; Rdh15; RDHE2; RDHL; RDHTBE; retinol dehydrogenase homolog; Retinol dehydrogenase, tracheobronchiol epithelail cell-specific; RETSDR8; SDR family, member 9; SDR9C4; short chain dehydrogenase/reductase family 9; short chain dehydrogenase/reductase family 9C, member 4; Short chain dehydrogenase/reductase retSDR8; Short-chain dehydrogenase/reductase retSDR8; 3 alpha hydroxysteroid dehydrogenase; 3-alpha hydroxysteroid dehydrogenase; 3-alpha-HSD; 3alpha HSD.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	35kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DHRS9:211-319/319
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.

PubMed:

[PubMed](#)

3-alpha-hydroxysteroid dehydrogenase that converts 3-alpha-tetrahydroprogesterone (allopregnanolone) to dihydroxyprogesterone and 3-alpha-androstanediol to dihydroxyprogesterone. May play a role in the biosynthesis of retinoic acid from retinaldehyde, but seems to have low activity with retinoids. Can utilize both NADH and NADPH.

Tissue specificity: Highly expressed in trachea and epidermis. Detected at lower levels in spinal cord, bone marrow, brain, tongue, esophagus, heart, colon, testis, placenta, lung, skeletal muscle and lymph node.

Function:

3-alpha-hydroxysteroid dehydrogenase that converts 3-alpha-tetrahydroprogesterone (allopregnanolone) to dihydroxyprogesterone and 3-alpha-androstanediol to dihydroxyprogesterone. May play a role in the biosynthesis of retinoic acid from retinaldehyde, but seems to have low activity with retinoids. Can utilize both NADH and NADPH.

Subunit:

Homotetramer (By similarity).

Subcellular Location:

Microsome membrane. Endoplasmic reticulum membrane (Potential). Note=Associated with microsomal membranes.

Product Detail:

Tissue Specificity:

Highly expressed in trachea and epidermis. Detected at lower levels in spinal cord, bone marrow, brain, tongue, esophagus, heart, colon, testis, placenta, lung, skeletal muscle and lymph node.

Similarity:

Belongs to the short-chain dehydrogenases/reductases (SDR) family.

SWISS:

Q9BPW9

Gene ID:

10170

Database links:

UniProtKB/Swiss-Prot: Q9BPW9.1

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.