

DHRS9 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP10479c**Specification**

DHRS9 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [O9BPW9](#)
Other Accession [NP_954674.1](#), [NP_001135742.1](#),
[NP_001135743.1](#), [NP_005762.2](#)

DHRS9 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 10170

Other Names

Dehydrogenase/reductase SDR family member 9, 11--, 3-alpha hydroxysteroid dehydrogenase, 3-alpha-HSD, NADP-dependent retinol dehydrogenase/reductase, RDH-E2, RDHL, Short-chain dehydrogenase/reductase retSDR8, Tracheobronchial epithelial cell-specific retinol dehydrogenase, RDH-TBE, DHRS9

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.

DHRS9 Antibody (Center) Blocking Peptide - Protein Information

Name DHRS9

Synonyms RDH15, SDR9C4 {ECO:0000303|PubMed:190277}

Function

3-alpha-hydroxysteroid dehydrogenase that converts 3-alpha- tetrahydroprogesterone (allopregnanolone) to dihydroxyprogesterone and 3-alpha-androstanediol to dihydroxyprogesterone (PubMed:11294878, PubMed:29541409). Also plays a role in the biosynthesis of retinoic acid from retinaldehyde (PubMed:11304534, PubMed:12618084). Can utilize both NADH and NADPH.

Cellular Location

Microsome membrane. Endoplasmic reticulum membrane. Note=Associated with microsomal

membranes

Tissue Location

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

DHRS9 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DHRS9 Antibody (Center) Blocking Peptide - Images**DHRS9 Antibody (Center) Blocking Peptide - Background**

3-alpha-hydroxysteroid dehydrogenase that converts 3-alpha-tetrahydroprogesterone (allopregnanolone) to dihydroxyprogesterone and 3-alpha-androstanediol to dihydroxyprogesterone. It 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.

DHRS9 Antibody (Center) Blocking Peptide - References

Persson, B., et al. Chem. Biol. Interact. 178 (1-3), 94-98 (2009) :Jones, R.J., et al. J. Biol. Chem. 282(11):8317-8324(2007)Lamesch, P., et al. Genomics 89(3):307-315(2007)Jette, C., et al. J. Biol. Chem. 279(33):34397-34405(2004)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)