

DHRS9 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58778**Specification****DHRS9 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9BPW9
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35227

DHRS9 Polyclonal Antibody - Additional Information**Gene ID** 10170**Other Names**

Dehydrogenase/reductase SDR family member 9, 1.1.1.209, 1.1.1.53, 3-alpha hydroxysteroid dehydrogenase, 3-alpha-HSD, NADP-dependent retinol dehydrogenase/reductase, RDH-E2, RDHL, Retinol dehydrogenase 15, 1.1.1.105, Short chain dehydrogenase/reductase family 9C member 4, Short-chain dehydrogenase/reductase retSDR8, Tracheobronchial epithelial cell-specific retinol dehydrogenase, RDH-TBE, DHRS9, RDH15, SDR9C4 {ECO:0000303|PubMed:19027726}

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

DHRS9 Polyclonal Antibody - 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:<a href="http://www.uniprot.org/citations/29541409"

target="_blank">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 Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DHRS9 Polyclonal Antibody - Images