

DHRS9 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58778

Product Information

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

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=1:500-2000,IHC-P=1:100-500,IHC-F=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	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
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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.