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# Anti-DHRS9 Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18527

## Product Information

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| **Application** | IHC-P, E |
| **Primary Accession** | Q9BPW9 |
| **Predicted** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Calculated MW** | 35227 |

## Additional Information

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| **Gene ID** | 10170 |
| **Alias Symbol** | DHRS9 |
| **Other Names** | DHRS9, 3-alpha-HSD, 3ALPHA-HSD, RDH-E2, RDHL, RDH15, Retinol dehydrogenase homolog, RDH-TBE, RETSDR8, SDR9C4 |
| **Target/Specificity** | Human DHRS9 |
| **Reconstitution & Storage** | Caprylic acid and ammonium sulfate precipitation |
| **Precautions** | Anti-DHRS9 Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **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, |

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