

DHRS9

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW: 35kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human DHRS9

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

RDHL; RDH15; RDH-E2; RDHTBE; SDR9C4; RDH-TBE; RETSDR8; 3ALPHA-HSD;

3-alpha-HSD;

Catalog #: A6324

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 10170

Isotype: IgG

Swiss Prot: Q9BPW9

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the short-chain dehydrogenases/reductases (SDR) family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. This protein demonstrates oxidoreductase activity toward hydroxysteroids and is able to convert 3-alpha-tetrahydroprogesterone to dihydroxyprogesterone and 3-alpha-androstenediol to dihydroxyprogesterone in the cytoplasm, and may additionally function as a transcriptional repressor in the nucleus. Alternative splicing results in multiple transcript variants.

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