

# DHRS9 Rabbit Polyclonal Antibody



CAB6324

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

35kDa

### Calculated MW:

18kDa/30kDa/35kDa/41kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

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

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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-androstanediol to dihydroxyprogesterone in the cytoplasm, and may additionally function as a transcriptional repressor in the nucleus. Alternative splicing results in multiple transcript variants.

## Immunogen information

### Gene ID:

10170

### Uniprot

Q9BPPW9

### Synonyms:

DHRS9; 3-alpha-HSD; 3ALPHA-HSD; RDH-E2; RDH-TBE; RDH15;  
RDHL; RDHTBE; RETSDR8; SDR9C4

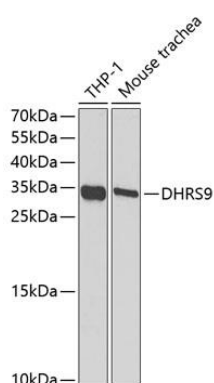
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 18-319 of human DHRS9 (NP\_001135743.1).

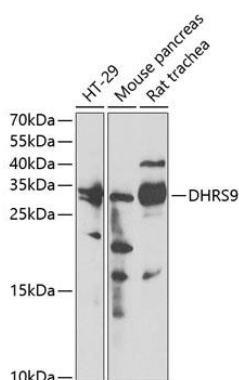
### Storage:

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

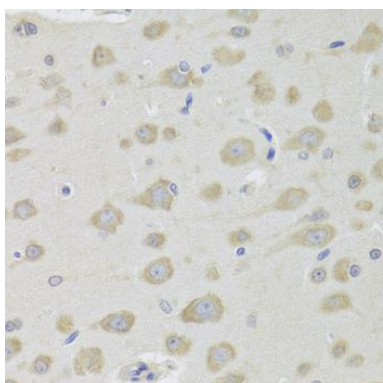
## Product Images



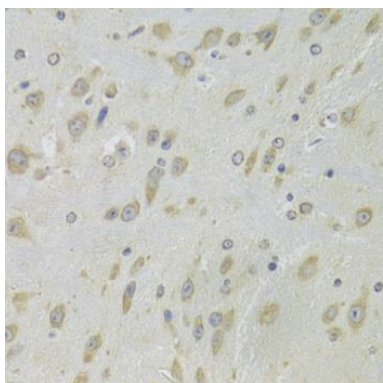
Western blot analysis of extracts of various cell lines, using DHR9 antibody (CAB6324) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 390s.



Western blot analysis of extracts of various cell lines, using DHR9 antibody (CAB6324) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 60s.



Immunohistochemistry of paraffin-embedded rat brain using DHR9 Antibody (CAB6324) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using DHR9 Antibody (CAB6324) at dilution of 1:100 (40x lens).