

# DHODH Rabbit Polyclonal Antibody



CAB13295

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

43kDa

### Calculated MW:

42kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Protein Background

The protein encoded by this gene catalyzes the fourth enzymatic step, the ubiquinone-mediated oxidation of dihydroorotate to orotate, in de novo pyrimidine biosynthesis. This protein is a mitochondrial protein located on the outer surface of the inner mitochondrial membrane.

## Immunogen information

### Gene ID:

1723

### Uniprot

Q02127

### Synonyms:

DHODH; DHOdehase; POADS; URA1

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

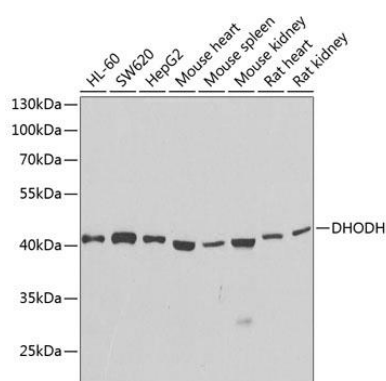
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 116-395 of human DHODH (NP\_001352.2).

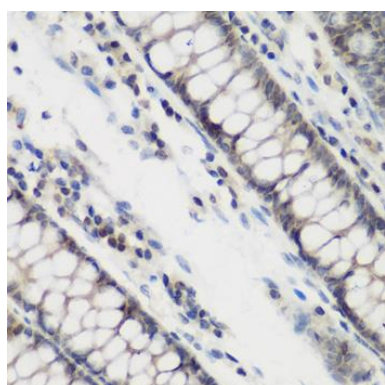
### Storage:

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

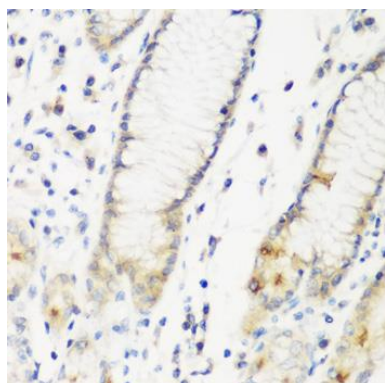
## Product Images



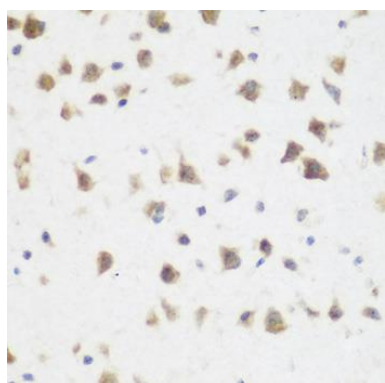
Western blot analysis of extracts of various cell lines, using DHODH antibody (CAB13295) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human colon using DHODH antibody (CAB13295) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using DHODH antibody (CAB13295) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using DHODH antibody (CAB13295) at dilution of 1:200 (40x lens).