

# DHODH Rabbit pAb

Catalog No.: A13295 **1 Publications**

## Basic Information

### Observed MW

43kDa

### Calculated MW

42kDa

### Category

Primary antibody

### Applications

WB, IHC

### Cross-Reactivity

Human, Mouse, Rat

## 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.

## Recommended Dilutions

|            |                |
|------------|----------------|
| <b>WB</b>  | 1:500 - 1:2000 |
| <b>IHC</b> | 1:50 - 1:200   |

## Immunogen Information

|                |                   |
|----------------|-------------------|
| <b>Gene ID</b> | <b>Swiss Prot</b> |
| 1723           | Q02127            |

### Immunogen

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

### Synonyms

DHODH;DHodehase;POADS;URA1

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

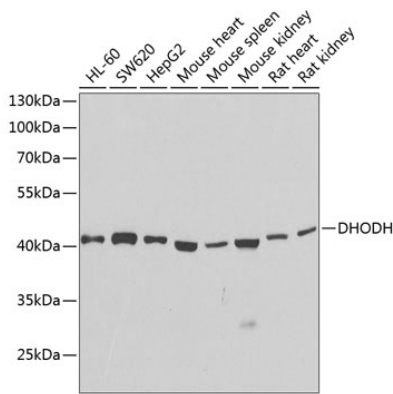
## Product Information

|               |                |                       |
|---------------|----------------|-----------------------|
| <b>Source</b> | <b>Isotype</b> | <b>Purification</b>   |
| Rabbit        | IgG            | Affinity purification |

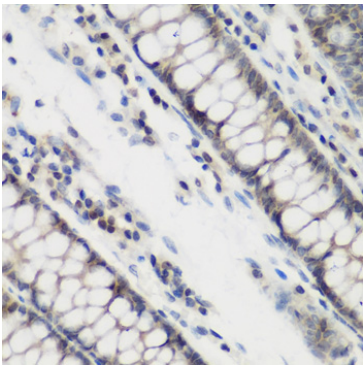
### Storage

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

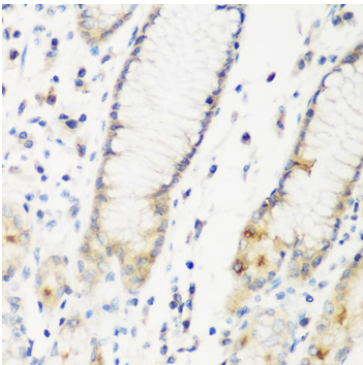
# Validation Data



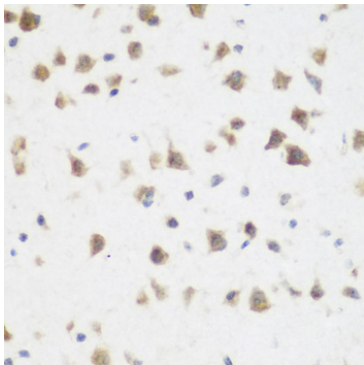
Western blot analysis of extracts of various cell lines, using DHODH antibody (A13295) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human colon using DHODH antibody (A13295) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using DHODH antibody (A13295) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using DHODH antibody (A13295) at dilution of 1:200 (40x lens).