

# DHODH Rabbit pAb

Catalog No.: A28405

## Basic Information

### Observed MW

43 kDa

### Calculated MW

43 kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human, Mouse

## Background

Enables dihydroorotase activity and dihydroorotate dehydrogenase activity. Involved in 'de novo' UMP biosynthetic process and UDP biosynthetic process. Located in mitochondrion. Is expressed in several structures, including branchial arch; embryo ectoderm; limb bud; respiratory system; and urinary system. Human ortholog(s) of this gene implicated in postaxial acrofacial dysostosis. Orthologous to human DHODH (dihydroorotate dehydrogenase (quinone)).

## Recommended Dilutions

**WB** 1:1000 - 1:3000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

## Immunogen Information

### Gene ID

56749

### Swiss Prot

O35435

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

2810417D19Rik

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

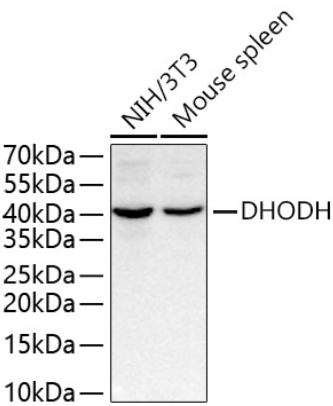
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using DHODH Rabbit pAb (A28405) at 1:1000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 5 s.