

DHODH Rabbit pAb

Catalog NO.: A6899 **7 Publications**

Basic Information

Observed MW

43 kDa

Calculated MW

43 kDa

Category

Polyclonal Antibodies

Applications

WB, IP, IF/ICC, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

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

WB 1:1000 - 1:5000

IP
0.5 µg - 4 µg antibody for 200 µg - 400 µg extracts
of whole cells

IF/ICC 1:200 - 1:400
IHC-P 1:100 - 1:200

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your
specific assay requirements.

Contact

Immunogen Information

Gene ID	Swiss Prot
1723	Q02127

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

Synonyms
URA1; POADS; DHodehase; DHODH

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

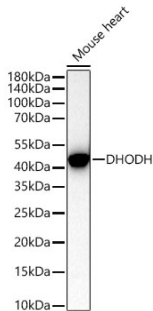
Affinity purification

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 lysates from Mouse heart using DHODH Rabbit pAb (A6899) at 1:5000 dilution incubated overnight at 4°C.

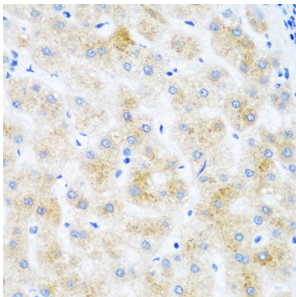
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

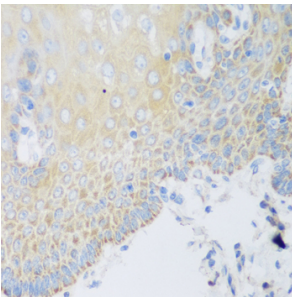
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

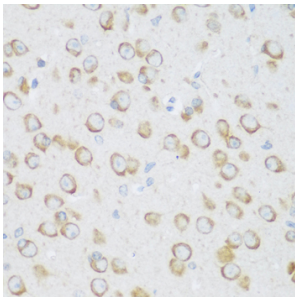
Exposure time: 90 s.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer using DHODH Rabbit pAb (A6899) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human esophagus using DHODH Rabbit pAb (A6899) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using DHODH Rabbit pAb (A6899) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

