

Anti-DHODH Antibody

01/20

CATALOG NO.: A2044-100 (100 µl)

BACKGROUND DESCRIPTION: 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.

ALTERNATE NAMES: Dihydroorotate dehydrogenase (quinone); mitochondrial; DHODEHase; Dihydroorotate oxidase

ANTIBODY TYPE: Polyclonal

HOST/ISOTYPE: Rabbit / IgG

IMMUNOGEN: Recombinant full-length protein of human DHODH

MOLECULAR WEIGHT: 43 kDa

PURIFICATION: Affinity purified

FORM: Liquid

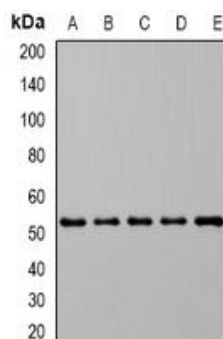
FORMULATION: In 0.42% Potassium phosphate; 0.87% NaCl; pH 7.3; 30% glycerol; and 0.01% sodium azide

SPECIES REACTIVITY: Human, Mouse, Rat

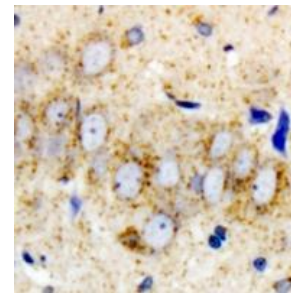
STORAGE CONDITIONS: Store at -20°C. Avoid freeze / thaw cycles

APPLICATIONS AND USAGE: WB 1:500 - 1:2000, IHC 1:50 - 1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user



Western blot analysis of DHODH expression in MCF7 (A); HL60 (B); SW620 (C); mouse spleen (D); rat kidney (E) whole cell lysates.



Immunohistochemistry of formalin fixed paraffin embedded mouse brain tissue using Anti-DHODH antibody. Heat mediated antigen retrieval of tissue section was done with sodium citrate buffer (pH 6.0), then incubated with the antibody at RT. HRP conjugated compact polymer system was used for detection. DAB was used as the chromogen. Hematoxylin was used to counterstain the tissue section and then mounted with DPX.

RELATED PRODUCTS:

Anti-HIF-1-alpha, Rabbit Monoclonal Antibody (A1128)
 Anti-FABP3 Antibody (A1394)
 Anti-PCK1 Antibody (A1864)
 ACADL Antibody (3139)