Immunoway
Best Tools for immunology Research
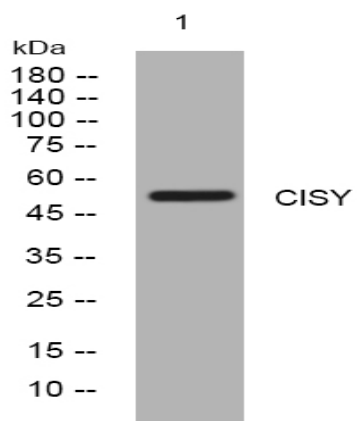
CISY rabbit pAb

Catalog No : YT6966

Reactivity : Human;Mouse;Rat

Applications : WB

Target : CISY

Fields : >>Citrate cycle (TCA cycle);>>Glyoxylate and dicarboxylate metabolism;>>Metabolic pathways;>>Carbon metabolism;>>2-Oxocarboxylic acid metabolism;>>Biosynthesis of amino acids

Gene Name : CS

Protein Name : CISY

Human Gene Id : 1431

Human Swiss Prot No : O75390

Mouse Gene Id : 12974

Mouse Swiss Prot No : Q9CZU6

Rat Gene Id : 170587

Rat Swiss Prot No : Q8VHF5

Immunogen : Synthesized peptide derived from human CISY AA range: 272-322

Specificity : This antibody detects endogenous levels of CISY at Human/Mouse/Rat

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source : Polyclonal, Rabbit,IgG

Dilution : WB 1：500-2000

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Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	51kD
Background :	The protein encoded by this gene is a Krebs tricarboxylic acid cycle enzyme that catalyzes the synthesis of citrate from oxaloacetate and acetyl coenzyme A. The enzyme is found in nearly all cells capable of oxidative metablism. This protein is nuclear encoded and transported into the mitochondrial matrix, where the mature form is found. [provided by RefSeq, Jul 2008],
Function :	catalytic activity:Acetyl-CoA + H(2)O + oxaloacetate = citrate + CoA.,miscellaneous:Citrate synthase is found in nearly all cells capable of oxidative metabolism.,online information:Citrate synthase entry,pathway:Carbohydrate metabolism; tricarboxylic acid cycle.,sequence caution:Intron retention.,similarity:Belongs to the citrate synthase family.,subunit:Homodimer.,
Subcellular Location :	Mitochondrion matrix.
Sort :	4002
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images

1

kDa
180 --
140 --
100 --
75 --
60 --
45 --   CISY
35 --
25 --
15 --
10 --

Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night