



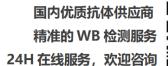


BYab-10826
IgG
Human; Mouse; Rat
IHC;IF;WB
IDH2
IDHP
Synthesized peptide derived from human IDHP
This antibody detects endogenous levels of human IDHP
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Polyclonal, Rabbit,IgG
The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.  IHC-p 1:50-200, WB 1:500-2000. IF 1:50-200
1 mg/ml
≥90%
-20°C/1 year
Isocitrate dehydrogenase [NADP], mitochondrial (IDH;EC 1.1.1.42;ICD-M;IDP;NADP(+)-specific ICDH;Oxalosuccinate decarboxylase)
48kD
Mitochondrion .
Colon,Heart,Kidney,Skin,
catalytic activity:Isocitrate + NADP(+) = 2-oxoglutarate + CO(2) + NADPH.,catalytic activity:Oxalosuccinate + NADP(+) = 2-oxoglutarate + CO(2) + NADPH.,cofactor:Binds 1 magnesium or manganese ion per subunit.,function:Plays a role in intermediary metabolism and energy production. It may tightly associate or interact with the pyruvate dehydrogenase complex.,similarity:Belongs to the isocitrate and isopropylmalate dehydrogenases
family.,subunit:Homodimer.,

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dehydrogenases have been reported: three NAD(+)-dependent isocitrate dehydrogenases, which localize to the mitochondrial matrix, and two NADP(+)-dependent isocitrate dehydrogenases, one of which is mitochondrial and the other predominantly cytosolic. Each NADP(+)-dependent isozyme is a homodimer. The protein encoded by this gene is the NADP(+)-dependent isocitrate dehydrogenase found in the mitochondria. It plays a role in intermediary metabolism and energy production. This protein may tightly associate or interact with the pyruvate dehydrogenase complex. Alternative splicing results in multiple transcript variants. [provided by Ref

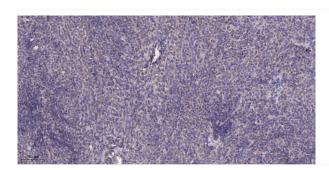
matters needing attention

Avoid repeated freezing and thawing!

**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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