



Anti-Isocitrate dehydrogenase (aa 281-295) polyclonal antibody (DPATB-H82803)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Goat Anti-Isocitrate dehydrogenase Polyclonal Antibody
Target	Isocitrate dehydrogenase
Immunogen	Synthetic peptide: EPGSRHVGLDIKGQN with a Cysteine residue linker, corresponding to internal sequence amino acids 281-295 of <i>Saccharomyces cerevisiae</i> Isocitrate dehydrogenase (NP_014361). EPGSRHVGLDIKGQN Run BLAST with Run BLAST with
Isotype	IgG
Source/Host	Goat
Species Reactivity	<i>Saccharomyces cerevisiae</i>
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Cellular Localization	Cytoplasm. Peroxisome.
Positive Control	<i>S. cerevisiae</i> lysate.
Format	Liquid
Size	200 µl
Buffer	pH: 7.30 Preservative: 0.02% Sodium azide 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide

Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction

Isocitrate dehydrogenase (IDH) (EC 1.1.1.42) and (EC 1.1.1.41) is an enzyme that catalyzes the oxidative decarboxylation of isocitrate, producing alpha-ketoglutarate (α -ketoglutarate) and CO₂. This is a two-step process, which involves oxidation of isocit

Keywords

Cytosolic NADP isocitrate dehydrogenase; Cytosolic NADP-isocitrate dehydrogenase; ICDH; IDCD; IDH; IDH1; IDHC_HUMAN; IDP; IDPC; Isocitrate dehydrogenase [NADP] cytoplasmic; Isocitrate dehydrogenase 1 (NADP+) soluble; NADP dependent isocitrate dehydrogenas
