Datasheet for ABIN7450350

anti-IDH3B antibody (AA 75-125)

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Overview

Quantity:	100 µg
Target:	IDH3B
Binding Specificity:	AA 75-125
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IDH3B antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-IDH3B Antibody, Affinity Purified
Immunogen:	Between AA 75 and 125
Isotype:	IgG
Predicted Reactivity:	Bovine,Orangutan
Purification:	Affinity Purified

Target Details

Target:	IDH3B
Alternative Name:	IDH3B (IDH3B Products)
Background:	Background: Isocitrate dehydrogenases catalyze the oxidative decarboxylation of isocitrate to

Target Details

	2-oxoglutarate. These enzymes belong to two distinct subclasses, one of which utilizes NAD(+) as the electron acceptor and the other NADP(+). Five isocitrate 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. NAD(+)-dependent isocitrate dehydrogenases catalyze the allosterically regulated rate-limiting step of the tricarboxylic acid cycle. Each isozyme is a heterotetramer that is composed of two alpha subunits, one beta subunit, and one gamma subunit.Isocitric dehydrogenase subunit beta (IDH3B) is the beta subunit of one isozyme of NAD(+)-dependent isocitrate dehydrogenase [taken from NCBI Entrez Gene (Gene ID: 3420)].
Gene ID:	3420
UniProt:	O43837

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months