Datasheet for ABIN1886557

anti-IDH2 antibody (AA 56-315)

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Overview

Quantity:	100 µL
Target:	IDH2
Binding Specificity:	AA 56-315
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IDH2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 56 and 315 of Human IDH2
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	IDH2
Alternative Name:	IDH2 (IDH2 Products)
Background:	Isocitrate dehydrogenases catalyze the oxidative decarboxylation of isocitrate to 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

Target Details

	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.[provided by RefSeq] Synonyms: ICD-M
Molecular Weight:	51 kDa
Gene ID:	3418
NCBI Accession:	NM_002168, NP_002159
Pathways:	Warburg Effect

Application Details

Application Notes:	Suggested dilutions: Western blotting: 1.500-1.3000 Immunohistochemistry: 1.100-1.250
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.1 M Tris-buffered saline with 10 % Glycerol (pH 7.0).0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	Biohazard Informations: This product contains thimerosal which is hazardous.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.