

Datasheet for ABIN2775313
anti-IDH3A antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	IDH3A
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Cow, Dog, Pig, Rabbit, Horse, Guinea Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IDH3A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human IDH3A
Sequence:	RHMGLFDHAA RIEAACFATI KDGKSLTKDL GGNAKCSDFT EEICRRVKDL
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Yeast: 77%
Characteristics:	This is a rabbit polyclonal antibody against IDH3A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	IDH3A
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Target Details

Alternative Name:	IDH3A (IDH3A Products)
Background:	<p>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</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: HUWE1, SUMO2, STAU1, UBC, MDM2, ADRB2, gag-pol, RAB4A, MBNL1, S100A16, SUCLA2, UQCRFS1P1, SUMO4, EBNA-LP, MYC, TERF2, TERF1, PSMD4, DDA1, DMWD, IDH3B, IDH3G,</p> <p>Protein Size: 366</p>
Molecular Weight:	40 kDa
Gene ID:	3419
NCBI Accession:	NM_005530 , NP_005521
UniProt:	P50213

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 366 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-IDH3A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: COLO205 cell lysate IDH3A is strongly supported by BioGPS gene expression data to be expressed in Human COLO205 cells

Western Blotting

Image 2. WB Suggested Anti-IDH3A Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::2500 Positive Control: COLO205 cell lysate IDH3A is strongly supported by BioGPS gene expression data to be expressed in Human COLO205 cells