

Datasheet for ABIN768624
anti-IDH3B antibody (AA 369-383)



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1 Image

Overview

Quantity:	100 µg
Target:	IDH3B
Binding Specificity:	AA 369-383
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IDH3B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	IDH3B (aa369-383)
Immunogen:	Peptide with sequence C-TTDFIKSVIGHLQTK, from the C Terminus of the protein sequence according to NP_008830.2, NP_777281.1.
Sequence:	TTDFIKSVIG HLQTK
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform a (NP_008830.2) and isoform c (NP_777281.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

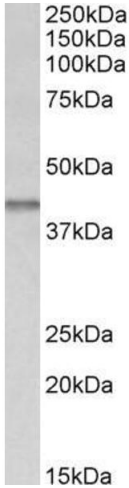
Target:	IDH3B
Alternative Name:	IDH3B (IDH3B Products)
Background:	IDH3B, isocitrate dehydrogenase 3 (NAD+) beta, FLJ11043, H-IDHB, MGC903, RP46, NAD(+)-specific ICDH subunit beta, NAD+-specific ICDH, NAD+-specific isocitrate dehydrogenase b subunit, NAD+-specific isocitrate dehydrogenase beta, isocitrate dehydrogenase [
Molecular Weight:	42.2kDa according to Human NP_008830.2 and Mouse NP_570954.1
Gene ID:	3420, 170718, 94173
NCBI Accession:	NP_008830 , NP_777281

Application Details

Application Notes:	Western Blot: Approx 40 kDa band observed in lysates of Mouse fetal Kidney and fetal Skeletal Muscle and of cell line NIH3T3 (calculated MW of 42.2 kDa according to Human NP_008830.2 and Mouse NP_570954.1). Recommended concentration: 0.03-0.1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN768624 (0.03µg/ml) staining of Mouse fetal Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.