

Datasheet for ABIN768560
anti-IDH3B antibody (AA 33-46)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IDH3B
Binding Specificity:	AA 33-46
Reactivity:	Human, Mouse, Rat, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IDH3B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	IDH3B (aa33-46)
Immunogen:	Peptide with sequence C-HAASRSQAEDVRVE, from the internal region (near N Terminus) of the protein sequence according to NP_008830.2, NP_777280.1.
Sequence:	HAASRSQAED VRVE
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform a (NP_008830.2) and isoform b (NP_777280.1).
Cross-Reactivity:	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

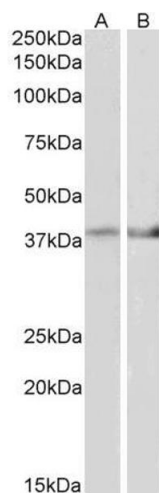
Target:	IDH3B
Alternative Name:	IDH3B (IDH3B Products)
Background:	IDH3B, isocitrate dehydrogenase 3 (NAD+) beta, FLJ11043, H-IDHB, MGC903, RP46, NAD(+)-specific ICDH subunit beta, NAD+-specific ICDH, NAD+-specific isocitrate dehydrogenase b subunit, NAD+-specific isocitrate dehydrogenase beta, isocitrate dehydrogenase [
Molecular Weight:	41.9kDa according to NP_777280.1
Gene ID:	3420, 170718, 94173
NCBI Accession:	NP_008830 , NP_777280

Application Details

Application Notes:	Western Blot: Approx 39 kDa band observed in Mouse, Rat and Pig Heart lysates and in Human and Mouse Skeletal Muscle lysates (calculated MW of 41.9 kDa according to NP_777280.1). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:1000.
Restrictions:	For Research Use only

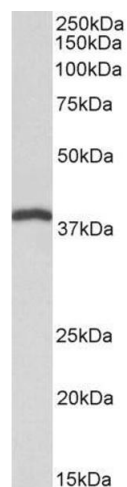
Handling

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.



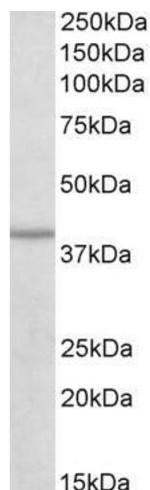
Western Blotting

Image 1. ABIN768560 (2µg/ml) staining of Mouse Heart (A) and Mouse Muscle (B) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 2. ABIN768560 (0.1µg/ml) staining of Pig Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 3. ABIN768560 (0.3µg/ml) staining of Human Skeletal muscle lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.