

Datasheet for ABIN768561
anti-IDH3A antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	IDH3A
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IDH3A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	IDH3A
Immunogen:	Peptide with sequence DFTEEICRRVKDLD, from the C Terminus of the protein sequence according to NP_005521.1.
Sequence:	DFTEEICRRV KDLD
Isotype:	IgG
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

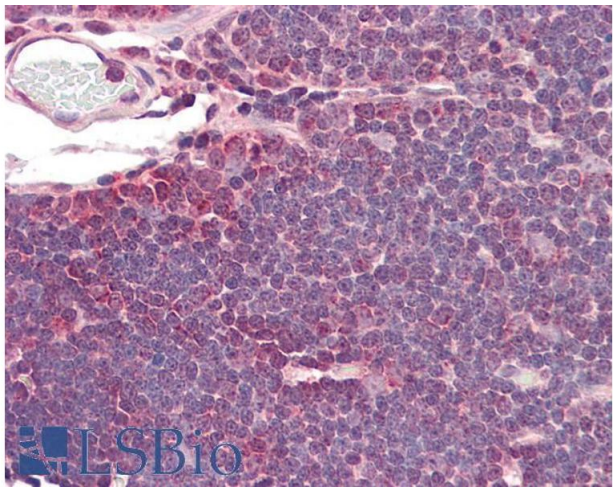
Target:	IDH3A
Alternative Name:	IDH3A (IDH3A Products)
Background:	IDH3A, isocitrate dehydrogenase 3 (NAD ⁺) alpha, H-IDH alpha, NAD(+)-specific ICDH subunit alpha, NAD(H)-specific isocitrate dehydrogenase alpha subunit, NAD ⁺ -specific ICDH, isocitrate dehydrogenase (NAD ⁺) alpha chain, isocitrate dehydrogenase [NAD] subunit
Molecular Weight:	39.6kDa according to NP_005521.1
Gene ID:	3419, 67834, 114096
NCBI Accession:	NP_005521

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Thymus. Recommended concentration: 3.75 µg/mL. Western Blot: Approx 37 kDa band observed in lysates of Human Lymph Nodes, and of cell line DAUDI, and 38 kDa in Human, Mouse and Rat Spleen lysates and in Pig Spleen and Skeletal Muscle lysates (calculated MW of 39.6 kDa according to NP_005521.1). Recommended Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

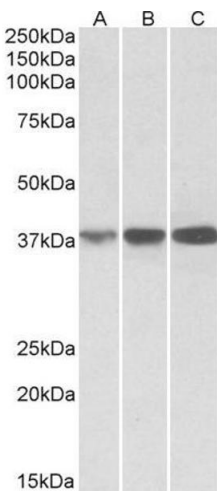
Handling

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.



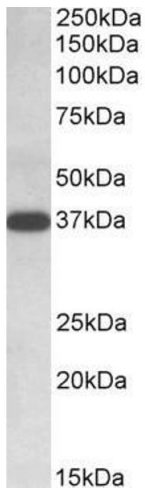
Immunohistochemistry

Image 1. ABIN768561 (3.75µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN768561 (0.1µg/ml) staining of Human (A), Mouse (B) and Rat (C) Spleen lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.



Western Blotting

Image 3. ABIN768561 (0.1µg/ml) staining of Human Lymph Nodes lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN768561.