

Datasheet for ABIN952959
anti-ICA1 antibody (N-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	ICA1
Binding Specificity:	AA 83-111, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ICA1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 83-111 amino acids from the N-terminal region of human Islet cell autoantigen 1 / ICA1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Islet cell autoantigen 1 / ICA1 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	ICA1
Alternative Name:	Islet Cell Autoantigen 1 / ICA1 (ICA1 Products)
Background:	This gene encodes a protein with an arfapatin homology domain that is found both in the cytosol

Target Details

and as membrane-bound form on the Golgi complex and immature secretory granules. This protein is believed to be an autoantigen in insulin-dependent diabetes mellitus and primary Sjogren's syndrome. Alternatively spliced variants which encode different protein isoforms have been described, however, not all variants have been fully characterized. Synonyms: 69 kDa islet cell autoantigen, ICA69, ICAp69, Islet cell autoantigen p69

Molecular Weight: 54645 Da

Gene ID: 3382

NCBI Accession: [NP_001129492](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

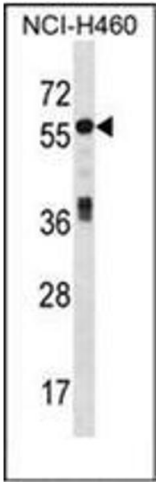
Preservative: Sodium azide

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 freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of ICA1 Antibody (N-term) in NCI-H460 cell line lysates (35ug/lane). This demonstrates the ICA1 antibody detected the ICA1 protein (arrow).