

Datasheet for ABIN7465513 **anti-ICA1 antibody**



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Overview

Quantity:	100 µL
Target:	ICA1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ICA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ICA1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ICA1
Alternative Name:	islet cell autoantigen 1 (ICA1 Products)
Background:	Islet cell autoantigen 1 , ICA69 , ICAp69, This gene encodes a protein with an arfaptin homology domain that is found both in the cytosol and as membrane-bound form on the Golgi complex and immature secretory granules. This protein is believed to be an autoantigen in insulin-

Target Details

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. [provided by RefSeq]

Molecular Weight: 55 kDa

Gene ID: 3382

UniProt: [Q05084](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: A549

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.37 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.