

Rabbit ICA1 Polyclonal Antibody | anti-ICA1 antibody

ICA1 antibody - N-terminal region

CATALOG # AAA200414	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ICA1; Polyclonal Antibody; ICA1 antibody - N-terminal region; anti-ICA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: SK AIVLYQKRIC FLSQEENELG KFLRSQGFQD KTRAGKMMQA TGKALCFS
Sequence Length	483
Applicable Applications for anti-ICA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ICA1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



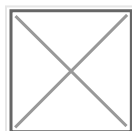
WB (Western Blot)

WB Suggested Anti-ICA1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Hela cell lysate



WB (Western Blot)

Host: Rabbit
Target Name: ICA1
Sample Type: Human HepG2
Antibody Dilution: 1.0ug/ml
There is BioGPS gene expression data showing that ICA1 is expressed in HepG2



IHC (Immunohistochemistry)

ICA1 antibody - N-terminal region
Formalin Fixed Paraffin Embedded Tissue: Human Liver
Tissue
Observed Staining: Cytoplasm in hepatocytes
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1/600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-ICA1 antibody	This is a rabbit polyclonal antibody against ICA1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ICA1 is 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-dependent diabetes mellitus and primary Sjogren's syndrome. 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-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.
Product Categories/Family for anti-ICA1 antibody	Polyclonal; Neuroscience; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	94721350
NCBI GeneID	3382
NCBI Accession #	NP_004959
NCBI GenBank Nucleotide #	NM_004968
UniProt Accession #	Q05084
Molecular Weight	55kDa
NCBI Official Full Name	islet cell autoantigen 1 isoform a
NCBI Official Synonym Full Names	islet cell autoantigen 1
NCBI Official Symbol	ICA1
NCBI Official Synonym Symbols	ICA69; ICAp69
NCBI Protein Information	islet cell autoantigen 1
UniProt Protein Name	Islet cell autoantigen 1
UniProt Gene Name	ICA1
UniProt Synonym Gene Names	ICA69; ICAp69; p69
UniProt Entry Name	ICA69_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ica1-antibody-immunohistochemistry-western-blot-elisa/200414>