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## anti-ICA1 antibody (N-Term)





Publication



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Sequence: SKAIVLYQKR ICFLSQEENE LGKFLRSQGF QDKTRAGKMM QATGKALCFS  Predicted Reactivity: Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%	Overview	
Binding Specificity: N-Term  Reactivity: Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Cow, Zebrafish (Danio rerio)  Host: Rabbit  Clonality: Polyclonal  Conjugate: This ICA1 antibody is un-conjugated  Application: Western Blotting (WB), Immunohistochemistry (IHC)  Product Details  Immunogen: The immunogen is a synthetic peptide directed towards the N terminal region of human ICA1  Sequence: SKAIVLYQKR ICFLSQEENE LGKFLRSQGF QDKTRAGKMM QATGKALCFS  Predicted Reactivity: Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%  Characteristics: This is a rabbit polyclonal antibody against ICA1. It was validated on Western Blot using a cellysate as a positive control.	Quantity:	100 μL
Reactivity: Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Cow, Zebrafish (Danio rerio)  Host: Rabbit  Clonality: Polyclonal  Conjugate: This ICA1 antibody is un-conjugated  Application: Western Blotting (WB), Immunohistochemistry (IHC)  Product Details  Immunogen: The immunogen is a synthetic peptide directed towards the N terminal region of human ICA1  Sequence: SKAIVLYQKR ICFLSQEENE LGKFLRSQGF QDKTRAGKMM QATGKALCFS  Predicted Reactivity: Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%  Characteristics: This is a rabbit polyclonal antibody against ICA1. It was validated on Western Blot using a cell lysate as a positive control.	Target:	ICA1
Host: Rabbit  Clonality: Polyclonal  Conjugate: This ICA1 antibody is un-conjugated  Application: Western Blotting (WB), Immunohistochemistry (IHC)  Product Details  Immunogen: The immunogen is a synthetic peptide directed towards the N terminal region of human ICA1  Sequence: SKAIVLYQKR ICFLSQEENE LGKFLRSQGF QDKTRAGKMM QATGKALCFS  Predicted Reactivity: Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%  Characteristics: This is a rabbit polyclonal antibody against ICA1. It was validated on Western Blot using a cellysate as a positive control.	Binding Specificity:	N-Term
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Application: Western Blotting (WB), Immunohistochemistry (IHC)  Product Details  Immunogen: The immunogen is a synthetic peptide directed towards the N terminal region of human ICA1  Sequence: SKAIVLYQKR ICFLSQEENE LGKFLRSQGF QDKTRAGKMM QATGKALCFS  Predicted Reactivity: Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%  Characteristics: This is a rabbit polyclonal antibody against ICA1. It was validated on Western Blot using a cellysate as a positive control.	Clonality:	Polyclonal
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Purification: Affinity Purified	Characteristics:	This is a rabbit polyclonal antibody against ICA1. It was validated on Western Blot using a cell lysate as a positive control.
	Purification:	Affinity Purified
Target Details	Target Details	
Target: ICA1	Target:	ICA1

### Target Details

Alternative Name:	ICA1 (ICA1 Products)
Background:	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.  Alias Symbols: ICA69, ICA69  Protein Interaction Partner: RAB2B, ING5, MBD3, CCDC28A, RAB2A, tbc-8, EXOC5, STK16, MKKS, KRT33B, CNTF,  Protein Size: 483
Molecular Weight:	55 kDa
Gene ID:	3382
NCBI Accession:	NM_004968, NP_004959
UniProt:	Q05084
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 483 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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

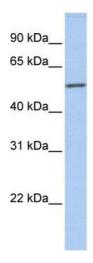
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Publications	

#### 'ublications

Product cited in:

Stutchbury, Al-Ejeh, Stillfried, Croucher, Andrews, Irving, Links, Ranson: "Preclinical evaluation of 213Bi-labeled plasminogen activator inhibitor type 2 in an orthotopic murine xenogenic model of human breast carcinoma." in: Molecular cancer therapeutics, Vol. 6, Issue 1, pp. 203-12, ( 2007) (PubMed).

#### **Images**



#### **Western Blotting**

Image 1. WB Suggested Anti-ICA1 Antibody Titration: 0.2-

1 ug/ml

**ELISA Titer:** 1:62500

Positive Control: Hela cell lysate