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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ICA1 Antibody - N-terminal region : FITC (ARP54742_P050-FITC)

Data Sheet

Product Number	ARP54742_P050-FITC
Product Page	www.avivasysbio.com/ica1-antibody-n-terminal-region-fitc-arp54742-p050-fitc.html
Name	ICA1 Antibody - N-terminal region : FITC (ARP54742_P050-FITC)
Protein Size (# AA)	483 amino acids
Molecular Weight	55kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	3382
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Islet cell autoantigen 1, 69kDa
Alias Symbols	ICA69, ICAp69
Peptide Sequence	Synthetic peptide located within the following region: SKAIVLYQKRICFLSQEENELGKFLRSQGFQDKTRAGKMMQATGKALCFS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Ewing,R.M., Mol. Syst. Biol. 3, 89 (2007)
Description of Target	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.
Protein Interactions	RAB2B; ING5; MBD3; CCDC28A; RAB2A; tbc-8; EXOC5; STK16; MKKS; KRT33B; CNTF;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-ICA1 (ARP54742_P050-FITC) antibody
Blocking Peptide	For anti-ICA1 (ARP54742_P050-FITC) antibody is Catalog # AAP54742 (Previous Catalog # AAPP31537)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ICA1
Uniprot ID	Q05084
Protein Name	Islet cell autoantigen 1
Sample Type Confirmation	There is BioGPS gene expression data showing that ICA1 is expressed in HepG2
Protein Accession #	NP_004959
Purification	Affinity Purified
Nucleotide Accession #	NM_004968
Gene Symbol	ICA1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB, IHC

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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