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Datasheet for ABIN499952 anti-INSM1 antibody (N-Term)

Image



Overview

Quantity:	0.1 mg
Target:	INSM1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INSM1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	IA-1 antibody was raised against a 19 amino acid peptide from near the amino terminus of human IA-1.
Isotype:	lgG
Specificity:	This antibody reacts to IA-1.
Purification:	Affinity chromatography purified via peptide column

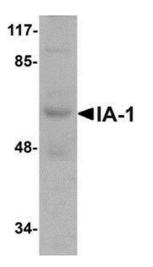
Target Details

Target:	INSM1
Alternative Name:	INSM1 / IA1 (INSM1 Products)
Background:	IA-1, also known as INSM1, is an essential five zinc-finger transcription factor that while initially

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	identified from an insulinoma cDNA library, is expressed in the developing nervous system.
	Specifically, IA-1 is expressed as early as E9.5 in mice in the fore-, mid- and hindbrain, spinal
	cord, retina, and olfactory bulb. It is thought that IA-1 functions as a transcriptional repressor,
	and is a part of several signaling pathways including those of Notch and sonic hedgehog in
	addition to that of Ngn3 during pancreatic endocrine cell differentiation. IA-1 is also expressed
	in multiple tumors, including the majority of neuroendocrine tumors tested so far as well as
	nearly 100 % of all small cell lung carcinomas, indicating that IA-1 may be an important target ir
	cancer therapy.Synonyms: Insulinoma-associated protein 1, Zinc finger protein IA-1
Gene ID:	3642
NCBI Accession:	NP_002187
UniProt:	Q01101
Application Details	
Application Notes:	ELISA. Western Blot: 1 - 2 μg/mL.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C.

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Western Blotting

Image 1. Western blot analysis of IA-1 in rat thymus tissue lysate with AP30396PU-N IA-1 antibody at $1 \mu g/ml$.

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