

Product datasheet for **TA306849**

INSM1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	IA-1 antibody was raised against a 19 amino acid peptide from near the amino terminus of human IA-1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	INSM transcriptional repressor 1
Database Link:	NP_002187

[Entrez Gene 53626 Mouse](#)[Entrez Gene 100912563 Rat](#)[Entrez Gene 3642 Human Q01101](#)

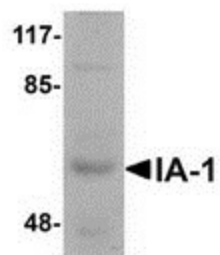
Background: IA-1, also known as INSM1, is an essential five zinc-finger transcription factor that while initially identified from an insulinoma cDNA library, is expressed in the developing nervous system. Specifically, IA-1 is expressed as early as E9.5 in mice in the fore-, mid- and hindbrain, spinal 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 in cancer therapy.



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Synonyms: IA-1; IA1

Product images:



Western blot analysis of IA-1 in rat thymus tissue lysate with IA-1 antibody at 1 ug/ml.