
IA-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254149

Unit: 0.1 mg

Description:

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.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: IA-1; Insulinoma-associated 1; INSM1; IA1

Accession No.: NP_002187

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human IA-1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.