

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

MAT1A RABBIT MAB

Cat.#: N262491

Product Name: Anti-MATIA Rabbit Monoclonal Antibody

Synonyms: MAT; SAMS; MATA1; SAMS1; MAT1A

UNIPROT ID: Q00266

Background: This gene catalyzes a two-step reaction that involves the

transfer of the adenosyl moiety of ATP to methionine to form S-

adenosylmethionine and tripolyphosphate, which is subsequently cleaved to PPi and Pi. S-adenosylmethionine is the source of methyl groups for most biological methylations. The encoded protein is found as a homotetramer (MAT II) or a homodimer (MAT III) whereas a third form, MAT II (gamma), is encoded by the MAT2A gene. Mutations in this gene are associated with methionine adenosyltransferase deficiency.

Immunogen: A synthetic peptide of human MATIA

Applications: WB,IP

Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R09-9C8

MW: Calculated MW: 44 kDa; Observed MW: 44 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

Conjugation: Unconjugated **Modification:** Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

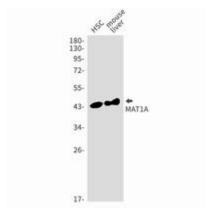
Research Areas: Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

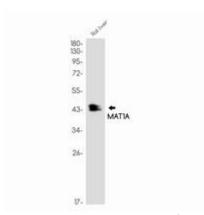


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Western blot analysis of MATIA in HSC, mouse liver lysates using MATIA antibody.



Western blot analysis of MATIA in rat liver lysates using MATIA antibody.