

SAMDC Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251891

Unit: 0.1 mg

Description:

S-adenosylmethionine decarboxylase proenzyme (SAMDC) Adenosylmethionine decarboxylase (AdoMetDC) is a pyruvoyl-dependent enzyme that catalyzes the formation of the aminopropyl group donor in the biosynthesis of the polyamines spermidine and spermine. The enzyme is synthesized as a protein precursor and is activated by an autocatalytic serinolysis reaction that creates the pyruvoyl group. Both proenzyme processing and catalytic activity are stimulated by putrescine. Catalytic activity is inhibited by iodoacetic acid.

Isotype: Rabbit Ig

Applications: E, WB, IHC, ICC

Species Reactivity: H, M, R

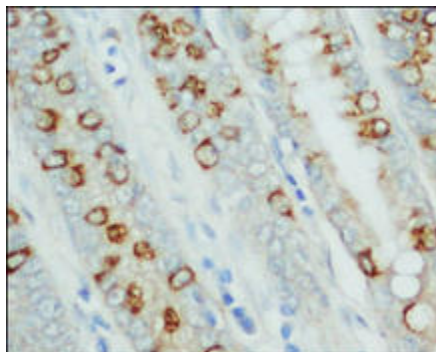
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 5% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: S-adenosylmethionine decarboxylase proenzyme; AdoMetDC; SAMDC; AMD1; AMD

Accession No.: P17707

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human SAMDC.

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



SAMDC staining in human mammary cancer. Paraffin-embedded human mammary cancer is stained with SAMDC Antibody (Cat. No. 251891) used at 1:200 dilution.

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.