

AMD1 polyclonal antibody

Catalog: BS60408

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

AdoMetDC (adenosylmethionine decarboxylase 1), also known as S-adenosylmethionine decarboxylase proenzyme (SAMDC) or AMD1, is a 334 amino acid protein which is an important intermediate enzyme in polyamine biosynthesis pathways. Using a pyruvoyl group as a co-factor, AdoMetDC catalyzes the conversion of S-adenosyl-L-methionine to (5-deoxy-5-adenosyl)(3-aminopropyl)-methylsulfonium salt and carbon dioxide. AdoMetDC is synthesized as an inactive proenzyme that undergoes self-maturation to form two non-identical subunits designated α and β . Active AdoMetDC forms a heterotetramer of two α chains and two β chains. Both AdoMetDC proenzyme processing and mature AdoMetDC catalytic activity are stimulated by putrescine, while catalytic activity is inhibited by iodoacetic acid.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 38 kDa

Swiss-Prot:

P17707

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

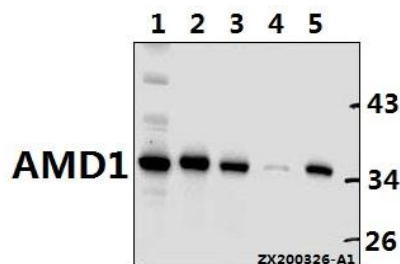
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

AMD1 polyclonal antibody detects endogenous levels of AMD1 protein.

DATA:



Western blot (WB) analysis of AMD1 pAb at 1:500 dilution

Lane1: AML-12 whole cell lysate(40ug)

Lane2: HCT116 whole cell lysate(40ug)

Lane3: L02 whole cell lysate(40ug)

Lane4: HepG2 whole cell lysate(40ug)

Lane5: A549 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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