ASMTL polyclonal antibody

Catalog: BS67325 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

Nucleoside triphosphate pyrophosphatase that hydrolyzes dTTP and UTP. Can also hydrolyze CTP and the modified nucleotides pseudo-UTP, 5-methyl-UTP (m5UTP) and 5-methyl-CTP (m5CTP). Has weak activity with dCTP, 8-oxo-GTP and N4-methyl-dCTP.May have a dual role in cell division arrest and in preventing the incorporation of modified nucleotides into cellular nucleic acids.In addition, the presence of the putative catalytic domain of S-adenosyl-L-methionine binding in the C-terminal region argues for a methyltransferase activity (Probable).

Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 75 kDa

Swiss-Prot:

O95671

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 - 1/2000), IHC (1/50 - 1/200)

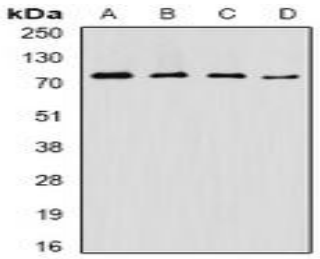
Storage&Stability:

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

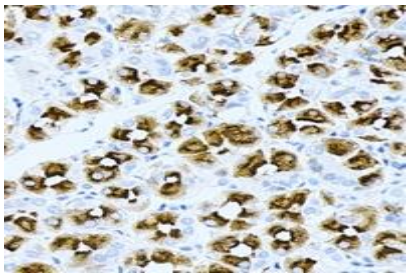
Specificity:

Recognizes endogenous levels of ASMTL protein.

DATA:



Western blot analysis of ASMTL expression in SW620 (A), NIH3T3 (B), mouse pancreas (C), mouse testis (D) whole cell lysates.



Immunohistochemical analysis of ASMTL staining in human gastric cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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