



YRDC polyclonal antibody

Catalog: BS34289

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Threonylcarbamoyl-AMP synthase: Cytoplasmic and mitochondrial threonylcarbamoyl-AMP synthase required for the formation of a threonylcarbamoyl group on adenosine at position 37 (t(6)A37) in tRNAs that read codons beginning with adenine . Catalyzes the conversion of L-threonine, HCO(3)(-)/CO(2) and ATP to give threonylcarbamoyl-AMP (TC-AMP) as the acyladenylate intermediate, with the release of diphosphate . Participates in t(6)A37 formation in cytoplasmic and mitochondrial tRNAs . May regulate the activity of some transporters (By similarity)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~29.3 kDa

Swiss-Prot:

Q86U90

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

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:

Recognizes endogenous levels of YRDC protein

DATA:

Western blot analysis of FSH beta expression in human pituitary (A) whole cell lysates.

Note:

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

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