

Datasheet for ABIN7154289

anti-GMP Synthase antibody (AA 394-693)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GMP Synthase (GMPS)
Binding Specificity:	AA 394-693
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GMP Synthase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human GMP synthase [glutamine-hydrolyzing] protein (394-693AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	GMP Synthase (GMPS)
Alternative Name:	GMPS (GMPS Products)
Background:	Background: Involved in the de novo synthesis of guanine nucleotides which are not only essential for DNA and RNA synthesis, but also provide GTP, which is involved in a number of

Target Details

cellular processes important for cell division.

Aliases: GATD7 antibody, Glutamine amidotransferase antibody, GMP synthase [glutamine hydrolyzing] antibody, GMP synthase [glutamine-hydrolyzing] antibody, GMP synthetase antibody, Gmps antibody, GUAA_HUMAN antibody, Guanine monophosphate synthase antibody, Guanine monophosphate synthetase antibody, Guanosine 5' monophosphate synthase antibody, MLL/GMPS fusion protein antibody, Testicular tissue protein Li 82 antibody

UniProt: [P49915](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

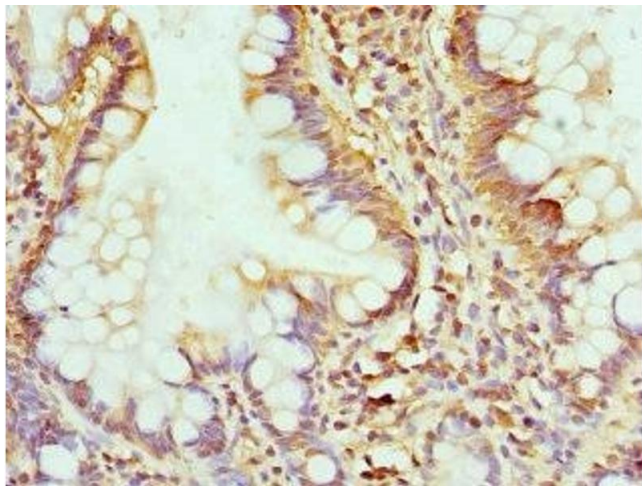
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

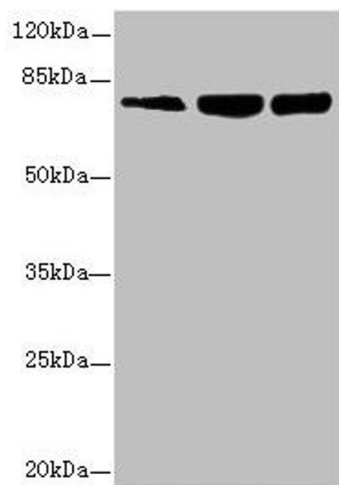
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7154289 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: GMPS antibody at 2.69 μ g/mL Lane 1: Hela whole cell lysate Lane 2: HL60 whole cell lysate Lane 3: MCF-7 whole cell lysate Secondary Goat polyclonal to Rabbit IgG at 1/10000 dilution Predicted band size: 77, 66 kDa Observed band size: 77 kDa