

Rabbit anti-Human, Mouse GMPS Polyclonal Antibody | anti-GMPS antibody

GMPS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231489	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

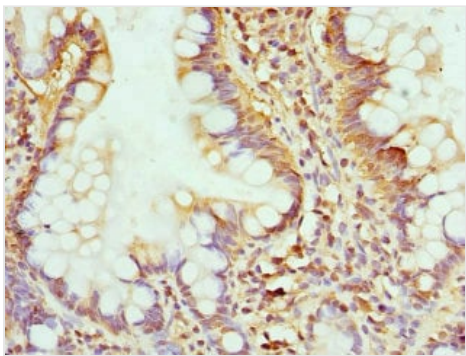
PRODUCT SYNONYMS

GMPS; Polyclonal Antibody; GMPS Antibody; GMP synthase [glutamine-hydrolyzing]; GMP synthetase; Glutamine amidotransferase; anti-GMPS antibody

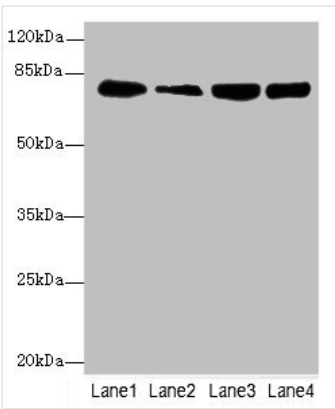
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	693
Applicable Applications for anti-GMPS antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human GMP synthase [glutamine-hydrolyzing] protein (C-300AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-99429 / sc-99430 / sc-292540
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human small intestine using AAA231489 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: GMPSantibody at 2.69ug/mlLane 1 : Mouse gonadal tissueLane 2 : Hela whole cell lysateLane 3 : HL60 whole cell lysateLane 4 : MCF7 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 77,66 kDaObserved band size: 77 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GMPS antibody	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 cellular processes important for cell division.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504035
NCBI GeneID	8833
NCBI Accession #	NP_003866.1
NCBI GenBank Nucleotide #	NM_003875.2
UniProt Accession #	P49915; A8K639; B4DXV7; F8W720
Molecular Weight	65,929 Da
NCBI Official Full Name	GMP synthase
NCBI Official Synonym Full Names	guanine monophosphate synthase
NCBI Official Symbol	GMPS
NCBI Protein Information	GMP synthase [glutamine-hydrolyzing]
UniProt Protein Name	GMP synthase [glutamine-hydrolyzing]
UniProt Gene Name	GMPS
UniProt Entry Name	GUAA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gmps-antibody-immunohistochemistry-western-blot-elisa/231489>