AGBL2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AGBL2, Polyclonal Antibody
Full Product Name	AGBL2 Antibody, FITC conjugated
Product Gene Name	anti-AGBL2 antibody
Product Synonym Names	Cytosolic carboxypeptidase 2 (EC:3.4.17.-); AGBL2; CCP2; ATP/GTP-binding protein-like 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Purity/Purification	>95%, Protein G Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: AGBL2 (MBS7005746) FITC Conjugated Antibody: AGBL2 (MBS1491716)
Molecular Weight	32,454 Da
3D Structure	ModBase 3D Structure for Q5U5Z8
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	FITC
Immunogen	Recombinant human Cytosolic carboxypeptidase 2 protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-138193 / sc-138192
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-AGBL2 antibody	ELISA (EIA)
Related Product Information for anti-AGBL2 antibody	Metallocarboxypeptidase that mediates deglutamylation of target proteins. Catalyzes the deglutamylation of polyglutamate side chains generated by post-translational polyglutamylation in proteins such as tubulins. Also removes gene-encoded polyglutamates from the carboxy-terminus of target proteins such as MYLK. Does not show detyrosinase or deglycylase activities from the carboxy-terminus of tubulin.
Other Notes	Small volumes of anti-AGBL2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for AGBL2 purchase	MBS1491716 is an antibody targeting AGBL2. Also known as AGBL2 Antibody, FITC conjugated. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AGBL2. It may not necessarily be applicable to this product.

NCBI GI #	31657119
NCBI GeneID	79841

NCBI Accession #	NP_079059.2
UniProt Primary Accession #	Q5U5Z8
UniProt Secondary Accession #	Q53FV5; Q8IV57; Q9H5C0; A8MPX2
UniProt Related Accession #	Q5U5Z8
GenBank Nucleotide #	NM_024783.3
NCBI Official Full Name	cytosolic carboxypeptidase 2
NCBI Official Synonym Full Names	ATP/GTP binding protein-like 2
NCBI Official Symbol	AGBL2
NCBI Official Synonym Symbols	CCP2
UniProt Protein Name	Cytosolic carboxypeptidase 2
UniProt Synonym Protein Names	ATP/GTP-binding protein-like 2
Protein Family	Cytosolic carboxypeptidase
UniProt Gene Name	AGBL2
UniProt Synonym Gene Names	CCP2
UniProt Entry Name	CBPC2_HUMAN
NCBI Protein Information	cytosolic carboxypeptidase 2
UniProt Comments for AGBL2	AGBL2: Metallocarboxypeptidase that may play a role in the processing of tubulin. Belongs to the peptidase M14 family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: EC 3.4.17.-; Protease Chromosomal Location of Human Ortholog: 11p11.2 Cellular Component: centriole; cytosol Molecular Function: metallocarboxypeptidase activity; zinc ion binding Biological Process: proteolysis
Research Articles on AGBL2	**1.** Suggest role for AGBL2 in cell proliferation and chemotherapy resistance in gastric cancer.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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