For Research Use Only

AGMAT Polyclonal antibody, PBS Only

Catalog Number:21899-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
21899-1-PBS

Size:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG13609

GenBank Accession Number:
BC005090

GeneID (NCBI):
79814

UNIPROT ID:
Q9BSE5

Full Name:
agmatine ureohydrolase (agmatinase)

Calculated MW:
38 kDa

Observed MW:
38 kDa

Purification Method:
Antigen affinity purification

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

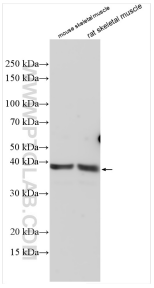
AGMAT is a metallohydrolase and belongs to the arginase family. AGMAT plays an important role in amino acid metabolism and can hydrolyze agmatine into urea and putrescine. AGMAT has been shown to play an important role in the development of tumors, including colorectal cancer, lung adenocarcinoma, and pancreatic adenocarcinoma(PMID: 36680755; PMID: 31699997; PMID: 35837051).

Storage

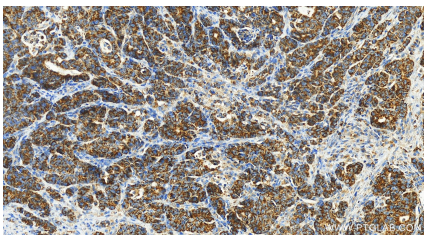
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21899-1-AP (AGMAT antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21899-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 21899-1-AP (AGMAT antibody) at dilution of 1:1600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21899-1-PBS in a different storage buffer formulation.