

For Research Use Only

AGMAT Polyclonal antibody

Catalog Number: 21899-1-AP



Basic Information

Catalog Number: 21899-1-AP	GenBank Accession Number: BC005090	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 79814	Recommended Dilutions: WB 1:2000-1:16000
Source: Rabbit	Full Name: agmatine ureohydrolase (agmatinase)	
Isotype: IgG	Calculated MW: 38 kDa	
Immunogen Catalog Number: AG13609	Observed MW: 38 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse skeletal muscle tissue, rat skeletal muscle tissue
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

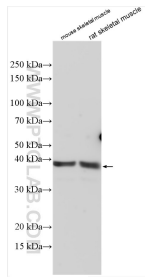
For technical support and original validation data for this product please contact:

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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.