

For Research Use Only

# AGMAT Polyclonal antibody, PBS Only

Catalog Number: 21899-1-PBS



## Basic Information

<b>Catalog Number:</b> 21899-1-PBS	<b>GenBank Accession Number:</b> BC005090	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 79814	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BSE5	
<b>Isotype:</b> IgG	<b>Full Name:</b> agmatine ureohydrolase (agmatinase)	
<b>Immunogen Catalog Number:</b> AG13609	<b>Calculated MW:</b> 38 kDa	
	<b>Observed MW:</b> 38 kDa	

## 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.

**Storage Buffer:**  
PBS Only

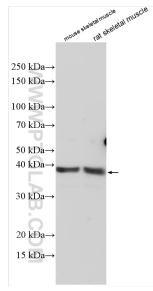
For technical support and original validation data for this product please contact:

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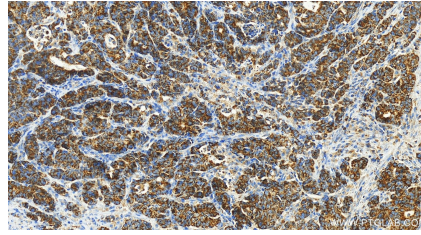
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## Selected Validation Data



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. 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.